

Bell Bend Irrigation Impact Study
Scoping Meeting
February 17, 2010

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SATYA MUSHUMANY	KLD	Satya@kld.companies.com, 651.617.5650
BILL MCSHANE	KLD	bmcsane@kld.companies.com, 651.617.5650
DANE MOLINARO	Pennoni	dmolinaro@Pennoni.com 570-824-2200
JEFF MULLEN	"	jmulle@Pennoni.com 510-824-2200
Bob PLATZ	THORNTON	RPL@thornton.com 570-436-1521
ADRIANA MERELLI	LUCERNE CO. PLANNING CORPORATION	ADRIANA.MERELLI@LUCERNECOUNTY.ORG 570-825-1500
JIM PILOSI	PA DOT	J.PILOSI@STATE.PA.US 570-963-4067
KEVIN MILUSZUKY	PennDOT PERMITS	KMILUSZUKY@STATE.PA.US 570-963-3311
Keith Williams	PA DOT	Keith.Williams@state.pa.us 570-963-4819
PETER GLUCKLER	AREVA	peter.gluckler@areva.com 508-573-6582
*Tom Pichiorillo	PennDOT-4	TPichiorillo@state.pa.us 570-963-3187
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Shane Pope	Borough of Bernick	Shane@berwick-pa.com 570-752-2705
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*Cecilia Wertz	PennDOT-3	570-963-4377
Nancy Bishop	PPL	nbishop@pplweb.com
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Terry Harpster	PPL	tharpster@pplweb.com

Illegible text on this page is not pertinent to the technical objectives of this document.

PROPOSED AGENDA
Bell Bend Traffic Impact Study (TIS)
Scoping Meeting

February 17, 2010
 10:00 am - 12:00 pm
 Susquehanna Information Center – Berwick, PA

TOPIC (Content)	WHO (Leader)	TIME (Minutes)
Greetings — Safety moment	Terry Harpster	10
Introduction — Round table introduction — Review meeting purpose and desired outcomes ○ Scope and assumptions/basis of Traffic Impact Study ○ Schedule going forward ○ Communication paths ○ Alignment on action items going forward	Dimitri Lutchenkov	15
Overview of Studies, Reviews & Permitting — Background — Study Area — Trip Generation — Analysis Years — Next Steps	KLD	45
Open Discussion/Q&A	Dimitri Lutchenkov	45
Review Action Items	Dimitri Lutchenkov	15

Satya Muthuswamy

From: Satya Muthuswamy [satya@kldcompanies.com]
Sent: Friday, March 26, 2010 8:54 AM
To: 'Stille, Shawn B'
Cc: 'William R McShane'
Subject: RE: Permit drawing for SR 11 at the Giant/Sheetz intersection at Briar Creek Township
Attachments: BNP-2010-081.pdf; BB TIS Intersection List- For Discussion - 03-26-2010 vo.pdf

Hi Shawn

Attached is a list of intersections (signalized) along RT 11 and RT 93 within the extents that was discussed at the Scoping Meeting.

I would like to chat with you about this list and get your feedback before we finalize the list and start our field data collection.

Please let me know if there a convenient time for you today or early next week?

I am also attaching a copy of the Meeting Minutes from our Scoping Meeting in February. I believe these were mailed earlier this week, but I am not sure of the exact date of when you will get the official copy.

Thank you
Satya

Satya Muthuswamy, P.E.(OH), PTOE
Senior Traffic Engineer
KLD
43 Corporate Drive
Hauppauge, NY 11788
Tel: (631) 617-5650 x 216
Fax: (631) 617-5649
<http://www.kldcompanies.com>



Eco-Tip: Please consider the environment, before printing this email.

From: Stille, Shawn B [mailto:sstille@state.pa.us]
Sent: Monday, February 22, 2010 2:01 PM
To: 'satya@kldcompanies.com'
Cc: Wertz, Gerald C.; Swartz, Matthew A.; 'William R McShane'; Johnson, Mara
Subject: RE: Permit drawing for SR 11 at the Giant/Sheetz intersection at Briar Creek Township

Satya,
I will be handling this in anticipation of Mara's future absence. Please see response below to your questions.

Shawn Stille | Civil Engineer-Transportation
PA Department of Transportation
Engineering District 3-0 | Traffic Unit
P.O. Box 218 | 715 Jordan Avenue | Montoursville, PA 17754
Phone: 570.368.4349
Fax: 570.368.4343
www.dot.state.pa.us

From: Satya Muthuswamy [mailto:satya@kldcompanies.com]
Sent: Monday, February 22, 2010 1:04 PM
To: Johnson, Mara
Cc: Wertz, Gerald C.; Swartz, Matthew A.; Stille, Shawn B; 'William R McShane'
Subject: RE: Permit drawing for SR 11 at the Giant/Sheetz intersection at Briar Creek Township

Hi Mara

Thank you for the signal file and other documents that you provided at the meeting.

We are preparing our meeting minutes and will have a copy to you shortly.

I do have a couple of quick questions/clarifications:

1. At the meeting you had provided a map that identified sections along RT 11 in Berwick that have planned roadwork scheduled to end in 2011. Will there be any change to roadway capacity after construction is complete?

The construction project will be a mill and resurface project from the Briar Creek Borough line to Luzerne County line and from State Route 93 Bridge to Second Street (S.R. 11 Southbound). As a result, there will be no changes to capacity.

2. Can we get a copy of the signal file for the intersection of RT 11 (New Berwick Highway) and Market Street? The Market Street Bridge leads into Mifflinville

See attached. Existing field conditions will need to be field verified.

Thank you
Satya

From: Johnson, Mara [mailto:marajohnso@state.pa.us]
Sent: Thursday, February 18, 2010 7:30 AM
To: 'satya@kldassociates.com'
Cc: Wertz, Gerald C.; Swartz, Matthew A.; Stille, Shawn B
Subject: RE: Permit drawing for SR 11 at the Giant/Sheetz intersection at Briar Creek Township

Good Morning Satya,

I attached the wrong signal file in my previous e-mail. Please disregard that e-mail and use the attachment above.

Thank you,

Mara J. Johnson | Civil Engineer
PA Department of Transportation
Engineering District 3-0 | Traffic Unit
P.O. Box 218 | 715 Jordan Avenue | Montoursville PA 17754
Phone: 570.368.4246 | Fax: 570.368.4343
<http://www.dot.state.pa.us>

From: Johnson, Mara
Sent: Wednesday, February 17, 2010 4:46 PM
To: 'satya@kldassociates.com'
Cc: Wertz, Gerald C.; Swartz, Matthew A.; Stille, Shawn B
Subject: Permit drawing for SR 11 at the Giant/Sheetz intersection at Briar Creek Township

Hello Satya,

The attached files are our most up to date permit for SR 11 and the Giant/Sheetz intersection in Briar Creek Township. Please use this for reference.

Please let me know if you have any questions or concerns,
Thank you,

Mara J. Johnson | Civil Engineer
PA Department of Transportation
Engineering District 3-0 | Traffic Unit
P.O. Box 218 | 715 Jordan Avenue | Montoursville PA 17754
Phone: 570.368.4246 | Fax: 570.368.4343
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Satya Muthuswamy

From: Satya Muthuswamy [satya@kldcompanies.com]
Sent: Friday, March 26, 2010 8:49 AM
To: 'Pfeiffer, John E'
Cc: 'William R McShane'
Subject: Bell Bend TIS
Attachments: BB TIS Intersection List- For Discussion - 03-26-2010 vo.pdf

Hi John

Attached is a list of intersections (signalized) along RT 11 and RT 93 within the extents that we discussed at the Scoping Meeting.

I would like to chat with you about this list and get your feedback before we finalize the list and start our field data collection.

Please let me know if there a convenient time for you today or early next week?

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To: 'Pfeiffer, John E'
Cc: 'William R McShane'
Subject: RE: Bell Bend TIS
Attachments: BNP-2010-081.pdf

Oops! Missed the attachment with the Minutes

Satya

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Cc: 'William R McShane'
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Satya Muthuswamy

From: Satya Muthuswamy [satya@kldcompanies.com]
Sent: Tuesday, April 13, 2010 7:48 AM
To: 'Johnson, Mara'; 'Wertz, Gerald C.'; 'Stille, Shawn B'; alakeller@state.pa.us; 'Bill McShane'; bdamiani@kldcompanies.com
Cc: 'Kelly, J Vincent'; 'Lutchenkov, Dimitri'; 'GLUCKLER Peter E (AREVA NP INC)'
Subject: Bell Bend TIS Discussion with PennDOT District 3-0
Attachments: BB TIS Intersection List - 04-12-2010 v0.pdf

All,

Thank you for your time yesterday morning. I am sending a summary of our discussion as we perceived it, for your own additions and clarification.

We discussed the following items:

1. Scope of the study area

Following the Feb 17, 2010 meeting, we identified intersections (signalized) between I-80 and RT-29 (Cross Valley Expressway) on RT 11, and on RT-93 between I-80 and RT 11. The discussion today was geared to get agreement on the scope of the study area. District 3-0 suggested that the list presented to them was acceptable. However, Berwick borough had requested that the un-signalized intersection at RT 11 and N Easton/S Easton Street (this intersection is West of the intersection at RT 11 and Poplar Street) also be included in the Study area. Attached is the revised study area that shows the intersections that will be included as part of the TIS.

District 3-0 also noted that the study area used for the construction scenario would be excessive for the Future Build analysis given the trip generation rates. They suggested that as part of the TIS, only the intersections that will be expected to handle 100 or more, additional trips/hour, be identified and included in the Future Build Analysis of the TIS.

We had a similar conversation with District 4-0 on April 7, 2010. They agreed to the scope of the study area as presented, within their District.

2. Historical Data

The availability of historical data in the study area was discussed. Apparently there was a recent traffic study completed at the intersection of RT 11 and Briar Creek Plaza. District 3-0 will provide the contact information of the traffic engineering firm that conducted the study. This is the only recent data available within the study area in District 3-0.

3. TIS Review – Coordination with PennDOT District 4-0

The possibilities related to a coordinated review of the TIS between District 3-0 and District 4-0 was discussed because the study area included intersections in both districts. District 3-0 stated that they preferred an independent review of the TIS and proposed mitigations in their district. It was agreed that the TIS would be submitted to both districts and comments provided separately. Each District would comment on the relevant mitigation in their respective districts.

Agreement to the assumptions embedded in the TIS (trip generation and distribution) between both districts was also discussed. District 3-0 mentioned that they would like to see the underlying premise for the assumptions; this is in accord with the agreement reached at the scoping meeting and reflected in those minutes. KLD noted that the trip generation was based on a combination of similar traffic studies and discussions with constructions contractors/utilities. The trip distribution for the operations workforce will be based on existing employee data at SSES (Susquehanna Steam

Electric Station), and trip distribution for construction workforce will be based on the census data. These assumptions would be noted in the TIS.

District 3-0 requested a timeline for the submission of the draft TIS. KLD responded that the field data collection is planned in the coming weeks and a draft TIS should be ready for PennDOT review in middle of May 2010.

4. Other Items

- District 3-0 wanted clarification with regard to the design of the planned site access driveway. Specifically the right turns out of the site onto RT 11 (heading towards Berwick). KLD stated that currently, there is an acceleration lane being planned for the right turns out of the site that would be allowed to make right turns on red. District 3-0 suggested that the RTOR (right turn on red) be prohibited. This was to ensure that the vehicles waiting to make a right turn would be queued up on site, rather than on RT 11 heading towards Berwick. Given the volumes expected to be travelling RT 11 through Berwick, this was suggested as a mitigation measure to alleviate congestion in downtown Berwick.
- The material shipments arriving on site were also discussed. KLD clarified that there will be concrete and other material arriving on site by road and the heavy equipment by rail. District 3-0 requested that the details be provided in the TIS. Agreed.

5. Data Requests

- a) From District 3-0: Information of the traffic engineering firm that performed the traffic study at the intersection of Briar Creek Plaza and RT 11

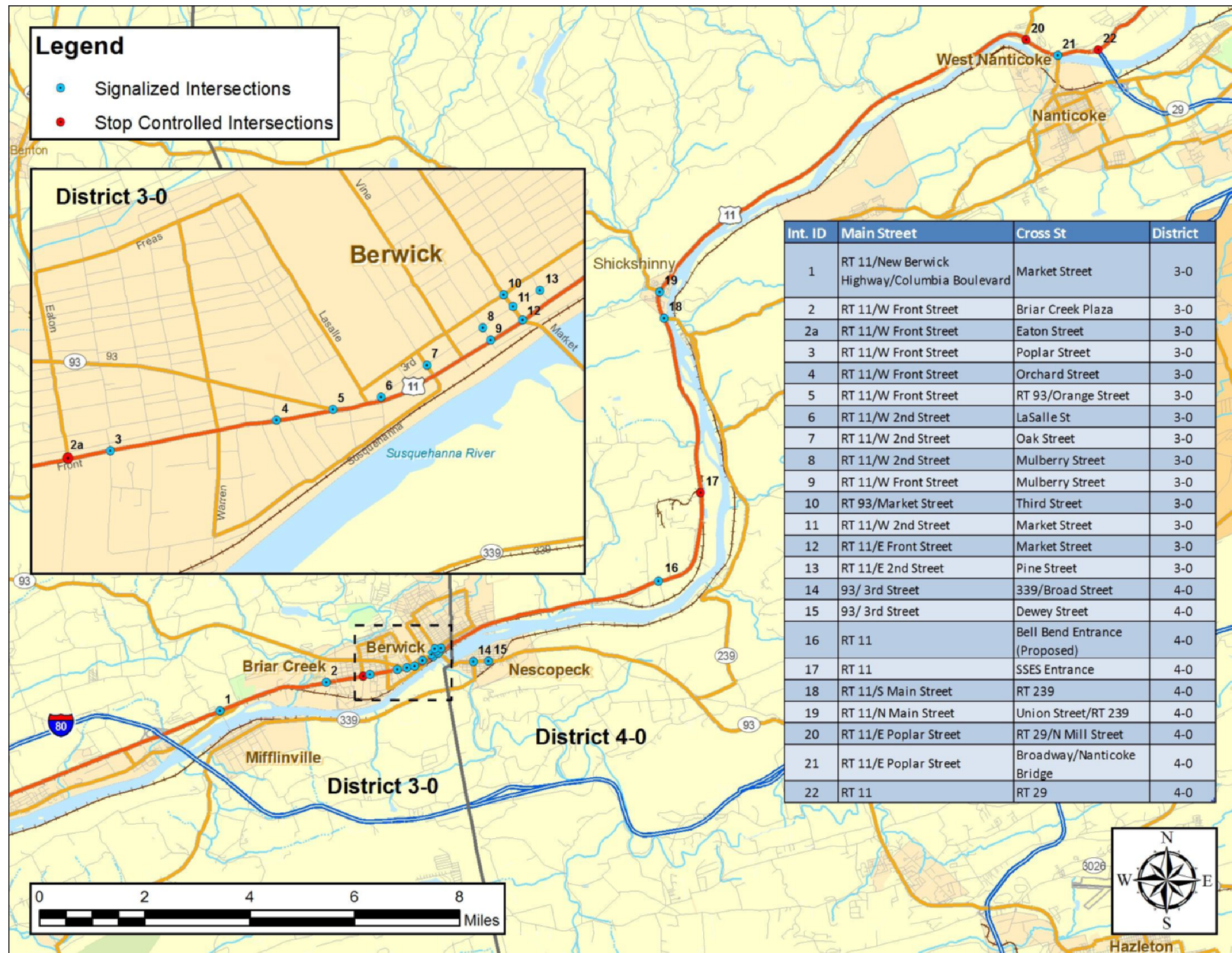
Kindly let us know if you have any questions or comments.

Thank you
Satya

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Satya Muthuswamy

From: Satya Muthuswamy [satya@kldcompanies.com]
Sent: Tuesday, April 13, 2010 7:54 AM
To: 'Pfeiffer, John E'; 'Williams, Keith D (PennDOT)'; 'Pichiarella, Thomas'; kmiluszusky@state.pa.us; bdamiani@kldcompanies.com
Cc: 'Bill McShane'; 'Kelly, J Vincent'; 'Lutchenkov, Dimitri'
Subject: Bell Bend TIS Discussion with PennDOT District 4-0
Attachments: BB TIS Intersection List - 04-12-2010 v0.pdf

All,

Thank you for your time on Wednesday, April 7, 2010 to discuss the TIS for the proposed expansion at the PPL site in Berwick, PA. I am sending a summary of our discussion as we perceived it, for your own additions and clarification.

We discussed the following items:

1. Scope of the study area

Following the Feb 17, 2010 meeting, we identified intersections (signalized) between I-80 and RT-29 (Cross Valley Expressway) on RT 11, and on RT-93 between I-80 and RT 11. The discussion was geared to get agreement on the scope of the study area. District 4-0 indicated that the list presented to them was acceptable.

We had a similar conversation with District 3-0 yesterday. They recommended adding one more intersection in Berwick to the study area. Please find attached the revised study area.

District 3-0 also noted that the study area used for the construction scenario would be excessive for the Future Build analysis given the trip generation rates. They suggested that as part of the TIS, only the intersections that will be expected to handle 100 or more, additional trips/hour, be identified and included in the Future Build Analysis of the TIS.

2. Historical Data

The availability of historical data in the study area was discussed. The intersection of RT 29 and RT 11 in Nanticoke is currently being upgraded from a stop-sign to a signalized intersection. District 4-0 agreed to provide the condition diagrams for this intersection and the traffic data (turn movements) associated with the signal warrant analysis. This is the only recent data available within the study area in District 4-0.

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The possibilities related to a coordinated review of the TIS between District 3-0 and District 4-0 was discussed because the study area included intersections in both districts. District 4-0 suggested that we submit copies of the TIS to both districts and District 4-0 can internally coordinate and provide a combined set of comments.

Based on our conversations with District 3-0 yesterday, they stated that they preferred an independent review of the TIS and proposed mitigations in their district. They suggested that the TIS be submitted to both districts and comments provided separately. Each District would comment on the relevant mitigation in their respective districts.

Based on the above, it appears that we will adopt the following approach:

- Provide the Draft TIS to both districts for review simultaneously
- Receive comments separately from each district
- Provide responses to comments from both districts and submit the revised TIS to both districts

4. Other Items

At the Feb 17 2010 meeting the possible tolling of I-80 was identified as an external impact to the study. District 4-0 stated that I-80 tolling project had been recently rejected by FHWA and hence does not have to be considered as part of the analysis.

5. Data Requests

- a) From District 4-0: Traffic data (turning movement data) at the proposed signal on RT 11 and RT 29/Mills Street in Nanticoke
- b) From District 4-0: Condition Diagrams for the intersections in Nanticoke:
 - 1. Proposed signal at RT 11 and RT 29/Mills St in Nanticoke
 - 2. Signal at RT 11/E Poplar Avenue and Broadway/Nanticoke Bridge
- c) From District 4-0: Condition Diagrams for the intersections in Nescopeck:
 - 1. Signal at RT 93/3rd Street and RT 339/Broad Street
 - 2. Signal at RT 93/3rd Street and Dewey Street

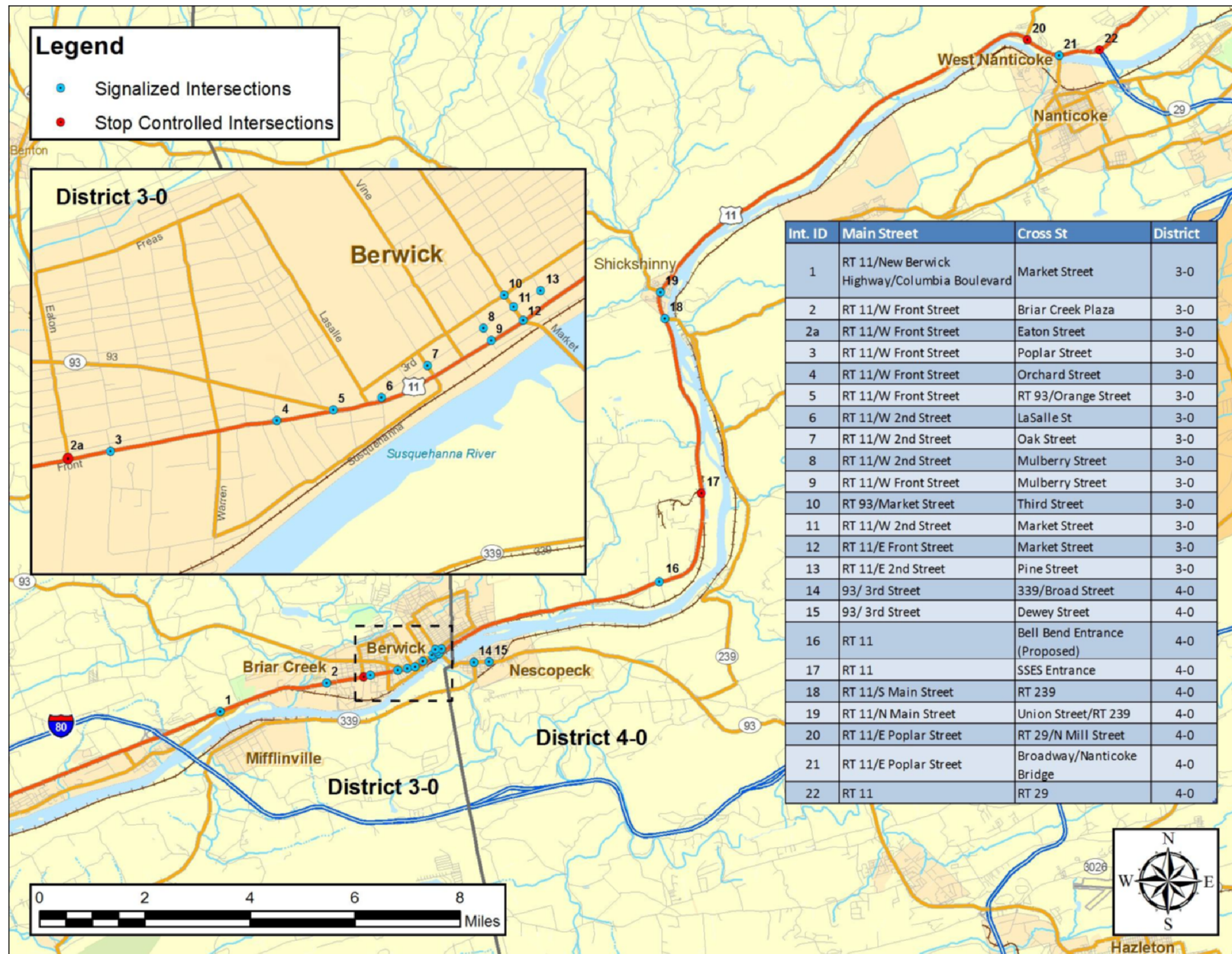
Kindly let us know if you have any questions or comments.

Thank you
Satya

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Satya Muthuswamy

From: Johnson, Mara [marajohnso@state.pa.us]
Sent: Friday, April 16, 2010 3:22 PM
To: 'satya@kldassociates.com'
Cc: Keller, Alan W.; Wertz, Gerald C.; Stille, Shawn B
Subject: Scoping meeting minutes
Attachments: Meeting minutes 4-12-10.docx

Good Afternoon Satya,

Please see the attached meeting minutes from the PPL Bell Bend TIS conference call on April 12, 2010. Please contact Shawn Stille with any questions or concerns regarding these minutes. All other correspondence should be handled through Gerald Wertz.

Thank you and have a great day!

Mara J. Johnson | Civil Engineer
PA Department of Transportation
Engineering District 3-0 | Traffic Unit
P.O. Box 218 | 715 Jordan Avenue | Montoursville PA 17754
Phone: 570.368.4246 | Fax: 570.368.4343
<http://www.dot.state.pa.us>



Traffic Unit - MEETING MINUTES

DATE: April 12, 2010

PROJECT: SR 11 PPL Transportation Impact Study

ATTENDEES:

Satya Muthuswamy - KLD - satya@kldcompanies.com, 631-617-5650

Bill McShane - KLD - bmcshane@kldcompanies.com, 631-617-5650

Brian Damiani - KLD

Gerald Wertz - District 3 Permits Manager, 570-368-4277

Alan Keller - District 3 Traffic Engineer

Shawn Stille - District 3 Traffic Unit, Civil Engineer Trans, 570-368-4246

Mara Johnson - District 3 Traffic Unit, 570-368-4246

Mara started off the conversation with the three items to be discussed.

Item 1: Is the study area sufficient as provided in the e-mail dated March 26, 2010 to Shawn Stille?

Item 2: Is there any recent traffic count data the district can provide?

Item 3: How are the two districts going to coordinate the transportation impact study (TIS) review?

1. The study area provided in the March e-mail is sufficient to PennDOT district 3 for the construction analysis phase. After having discussions with Berwick Boro they would like to include the unsignalized intersection of S.R. 11 (Front Street) and Eaton Street. For the permanent build condition the study area may be reduced, only including intersections affected by 100 additional vehicles or more. This may greatly reduce the size of the study area. Satya will justify the study area for build condition in the TIS.
2. A Transportation Impact Analysis was just completed and included the intersection of S.R. 11 and Briar Creek Plaza in Briar Creek Township. Gerald will forward the HOP engineer's contact information for count data. No other intersections within this study area have recent data.
3. KLD will simultaneously submit the TIS to both districts. District 3 will compile comments and submit directly to KLD. District 4 will be the lead in approving the TIS once both agencies are satisfied.

Other Questions:

1. How will concrete, gravel, sand, rebar and such be shipped to the site, since there will be an on-site concrete plant?

April 26, 2010

Page 2

The heavy heavy material will be shipped via the railroad. All other material such as the concrete material will be shipped in with trucks. Approximately 1.5 trucks per hour around the clock. All trucks will be 15 tons or less.

Note: District 4 stated at the February meeting that there are bridges leading up to the site that have a 10 ton weight restriction. These restrictions could increase the amount of truck percentage in District 3.

2. Alan asked how the right turning vehicles from the site will be controlled while entering onto S.R. 11.
Satya stated that the right turn traffic will be turning into their own lane on S.R. 11. Alan pointed out the concern of this traffic overwhelming the system on S.R. 11 in Berwick considering no dispersion points are between the access and Berwick. Alan suggested that this intersection be modeled two different ways. One way showing the right turn traffic free flowing into their own lane on S.R. 11. The other way would show the right turn traffic being controlled by the signal. This second proposal will introduce metering of traffic into Berwick.
3. Alan asked when the TIS is proposed to be submitted. Satya stated that the TIS should be submitted in May.

Mara concluded stating that Shawn Stille will be the main contact regarding the TIS.

All correspondence should be routed through Gerald Wertz.

Satya Muthuswamy

From: Pfeiffer, John E [jopfeiffer@state.pa.us]
Sent: Monday, April 26, 2010 8:09 AM
To: 'satya@kldcompanies.com'
Cc: Pichiarella, Thomas; Williams, Keith D (PennDOT)
Subject: RE: Bell Bend TIS Discussion with PennDOT District 4-0

Satya

I apologize; I guess I did not put it in writing. The proposed study area includes the intersections that we wanted. If you have any other questions, please let us know.

Thanks!

John

John Pfeiffer | Civil Engineer-Transportation
PA Department of Transportation
District Office 4-0 | Traffic
55 Keystone Industrial Park | Dunmore PA 18512
Phone: 570.963.4018 | Fax: 570.963.4245
www.dot.state.pa.us

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To: Williams, Keith D (PennDOT); Pichiarella, Thomas
Cc: Pfeiffer, John E; 'Bill McShane'
Subject: RE: Bell Bend TIS Discussion with PennDOT District 4-0

Gentlemen,

Can you send a confirmation email that you agree with the scope of the study area as discussed in our conversation from earlier in the month.

I have attached the map with the intersections that will be included as part of the traffic study and the email with the summary of our discussion is shown below.

I would like to add your acknowledgement to the file, as official acceptance of the scope.

Thank you
Satya

From: Pfeiffer, John E [mailto:jopfeiffer@state.pa.us]
Sent: Tuesday, April 13, 2010 8:08 AM
To: 'satya@kldcompanies.com'
Subject: RE: Bell Bend TIS Discussion with PennDOT District 4-0

Thank you for the notes Satya. I am going to work on your plan requests today.

Any questions please let me know,

Thank you,

John

John Pfeiffer | Civil Engineer-Transportation
PA Department of Transportation
District Office 4-0 | Traffic
55 Keystone Industrial Park | Dunmore PA 18512
Phone: 570.963.4018 | Fax: 570.963.4245
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Kindly let us know if you have any questions or comments.

Thank you

Satya

Satya Muthuswamy, P.E.(OH), PTOE

Senior Traffic Engineer

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Appendix B
Traffic Data Collected in Field

Table B-2 – Field Data Collected

<i>Int No</i>	<i>Page No</i>	<i>Name</i>	<i>Notes</i>	Traffic Data
1	B-3	S.R. 11 & S.R. 2028	Weekday 6AM – 9AM, 3PM – 6PM (4/2010)	Turning movement counts by vehicle class
2	B-7	S.R. 11 & Briar Creek Plaza Driveways		
3	B-11	S.R. 11 (Front St.) & Eaton St.		
4	B-15	S.R. (Front St.) & Poplar St.	Weekday 6AM – 9AM, 3PM – 5:30PM (6/2008)	
5	B-19	S.R. 11 (Front St.) & Orchard St.	Weekday 6AM – 9AM, 3PM – 6PM (4/2010)	
6	B-23	S.R. 11 (Front St.) & S.R. 93 (Orange St.)	Weekday 6AM – 9AM, 3PM – 6PM (6/2008)	
7	B-27	S.R. 11 (2 nd St.) & LaSalle St.		
8	B-31	S.R. 11 (2 nd St.) & Oak St.	Weekday 6AM – 9AM, 3PM – 6PM (4/2010)	
9	B-35	S.R. 11(2 nd St.) & Mulberry St.		
10	B-39	S.R. 11 (Front St.) & Mulberry St.		
11	B-43	S.R. 93 (Market St.) & 3 rd St.		
12	B-47	S.R. 11 (2 nd St.) & Market St.		
13	B-51	S.R. 11 (Front St.) & Market St.		
14	B-55	S.R. 11 (2 nd St) & Pine St.		
-	B-59	S.R. 11 (2 nd St.) & Walnut St.		
-	B-63	S.R. 11 (Front St.) & Walnut St.		
15	B-67	S.R. 93 (3 rd St.) & S.R. 339 (Broad St.)		
16	B-71	S.R. 93 (3 rd St.) & Dewey St.		
18	B-75	S.R. 11 & SSES Entrance		
19	B-79	S.R. 11 (S. Main St.) and S.R. 239	Weekday 6AM – 9AM, 3PM – 5:30PM (6/2008)	
20	B-83	S.R. 11 (Main St.) & S.R. 239 (Union St.)		
21	B-87	S.R. 11 and S.R. 29 (Mill St.)	Weekday 6:30AM – 8:30AM, 3:30PM – 6PM (9/2009)	
22	B-89	S.R. 11 (E. Poplar St.) & County Bridge	Weekday 6AM – 9AM, 3PM – 6PM (4/2010)	
23	B-93	S.R. 11 (E. Poplar St.) & S.R. 29	Weekday 6AM– 6PM (4/2010)	
-	B-98	S.R. 93 between Cooper St. & Berwick	Hourly counts in both directions for 24 Hours for 1 week (4/2010)	ATR Counts
-	B-100	S.R. 11 between Confers Ln. & Pinecrest Rd.		
-	B-104	S.R. 29/S. Cross Valley Expy. between Sans Souci Pkwy & S.R. 11 interchange		
-	B-108	S.R. 11 N./E. Poplar St. between Route 11 divergence & S.R. 29 confluence		

Note 1: * Turning movement counts at S.R. 11 and S.R. 29 (Mill St.) were provided by PennDOT

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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: Market St / Rt 11
Date: Wednesday, April 14, 2010
Counter: RZ

File Name : SM0414-1
Site Code : 00000000
Start Date : 4/14/2010
Page No : 1

Groups Printed- Cars - Heavy Vehicles - RTOR

Start Time	RTE 11 Southbound				MARKET ST Westbound				RTE 11 Northbound				Int. Total
	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	
06:00 AM	48	11	0	59	11	9	0	20	6	68	0	74	153
06:15 AM	92	16	0	108	30	14	0	44	5	68	0	73	225
06:30 AM	135	25	0	160	31	21	0	52	6	122	0	128	340
06:45 AM	116	14	0	130	36	30	0	66	1	86	0	87	283
Total	391	66	0	457	108	74	0	182	18	344	0	362	1001
07:00 AM	105	26	0	131	31	21	0	52	8	100	0	108	291
07:15 AM	141	29	0	170	26	22	0	48	15	114	0	129	347
07:30 AM	190	32	0	222	39	32	0	71	3	122	0	125	418
07:45 AM	150	23	0	173	51	33	0	84	7	92	0	99	356
Total	586	110	0	696	147	108	0	255	33	428	0	461	1412
08:00 AM	141	22	0	163	40	26	0	66	8	106	0	114	343
08:15 AM	109	22	0	131	41	21	0	62	14	93	0	107	300
08:30 AM	117	27	0	144	24	20	0	44	16	81	0	97	285
08:45 AM	115	37	0	152	39	18	0	57	14	96	0	110	319
Total	482	108	0	590	144	85	0	229	52	376	0	428	1247
*** BREAK ***													
03:00 PM	136	46	0	182	57	13	0	70	24	153	0	177	429
03:15 PM	125	42	0	167	38	13	0	51	22	179	0	201	419
03:30 PM	149	52	0	201	37	25	1	63	29	182	0	211	475
03:45 PM	147	50	0	197	51	10	0	61	24	155	0	179	437
Total	557	190	0	747	183	61	1	245	99	669	0	768	1760
04:00 PM	145	51	0	196	61	17	0	78	20	162	0	182	456
04:15 PM	107	55	0	162	56	24	0	80	20	115	0	135	377
04:30 PM	139	48	0	187	51	23	0	74	30	151	0	181	442
04:45 PM	149	46	0	195	56	27	0	83	19	162	0	181	459
Total	540	200	0	740	224	91	0	315	89	590	0	679	1734
05:00 PM	130	55	0	185	44	13	0	57	25	197	0	222	464
05:15 PM	130	41	0	171	44	24	0	68	24	147	0	171	410
05:30 PM	111	39	0	150	56	22	0	78	26	149	0	175	403
05:45 PM	110	36	0	146	50	19	0	69	21	126	0	147	362
Total	481	171	0	652	194	78	0	272	96	619	0	715	1639
Grand Total	3037	845	0	3882	1000	497	1	1498	387	3026	0	3413	8793
Apprch %	78.2	21.8	0		66.8	33.2	0.1		11.3	88.7	0		
Total %	34.5	9.6	0	44.1	11.4	5.7	0	17	4.4	34.4	0	38.8	
Cars	2916	813	0	3729	979	487	1	1467	272	2897	0	3169	8365
% Cars	96	96.2	0	96.1	97.9	98	100	97.9	70.3	95.7	0	92.9	95.1
Heavy Vehicles	121	32	0	153	21	9	0	30	13	129	0	142	325
% Heavy Vehicles	4	3.8	0	3.9	2.1	1.8	0	2	3.4	4.3	0	4.2	3.7
RTOR	0	0	0	0	0	1	0	1	102	0	0	102	103
% RTOR	0	0	0	0	0	0.2	0	0.1	26.4	0	0	3	1.2

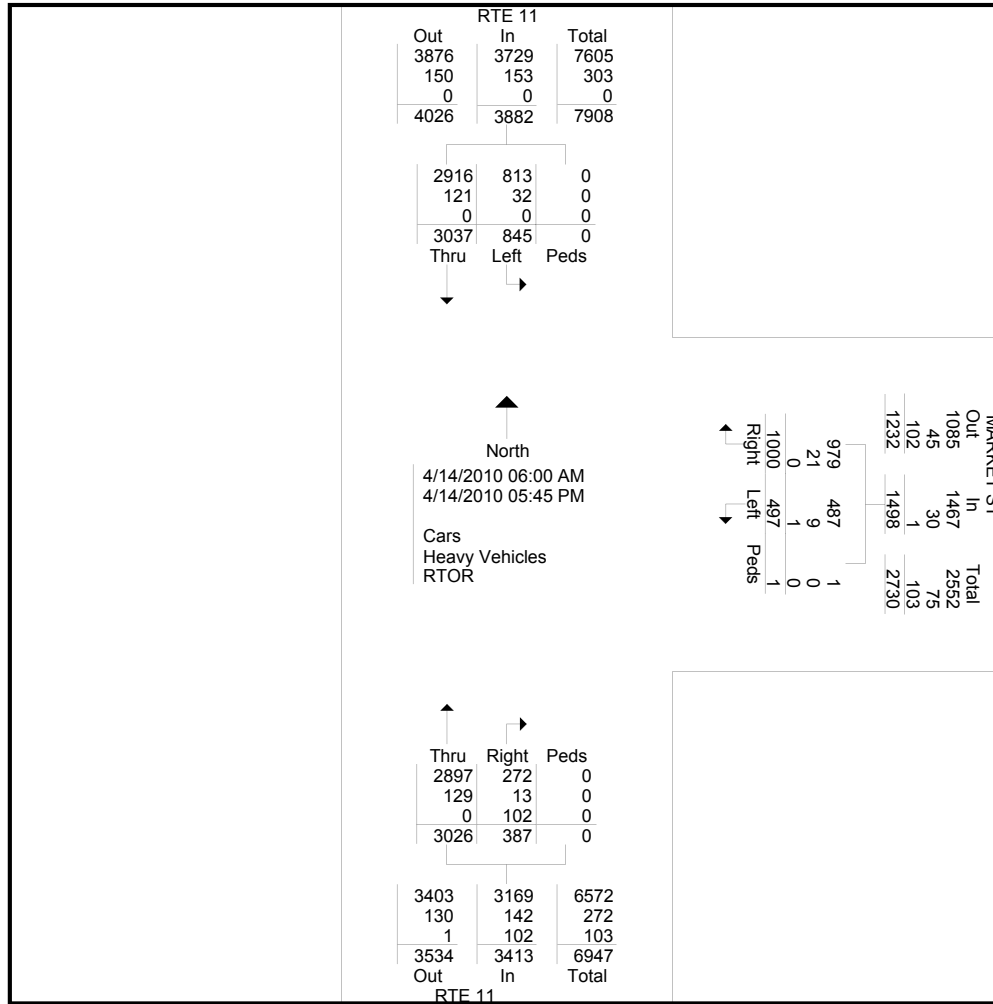
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www.TSTData.com

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File Name : SM0414-1
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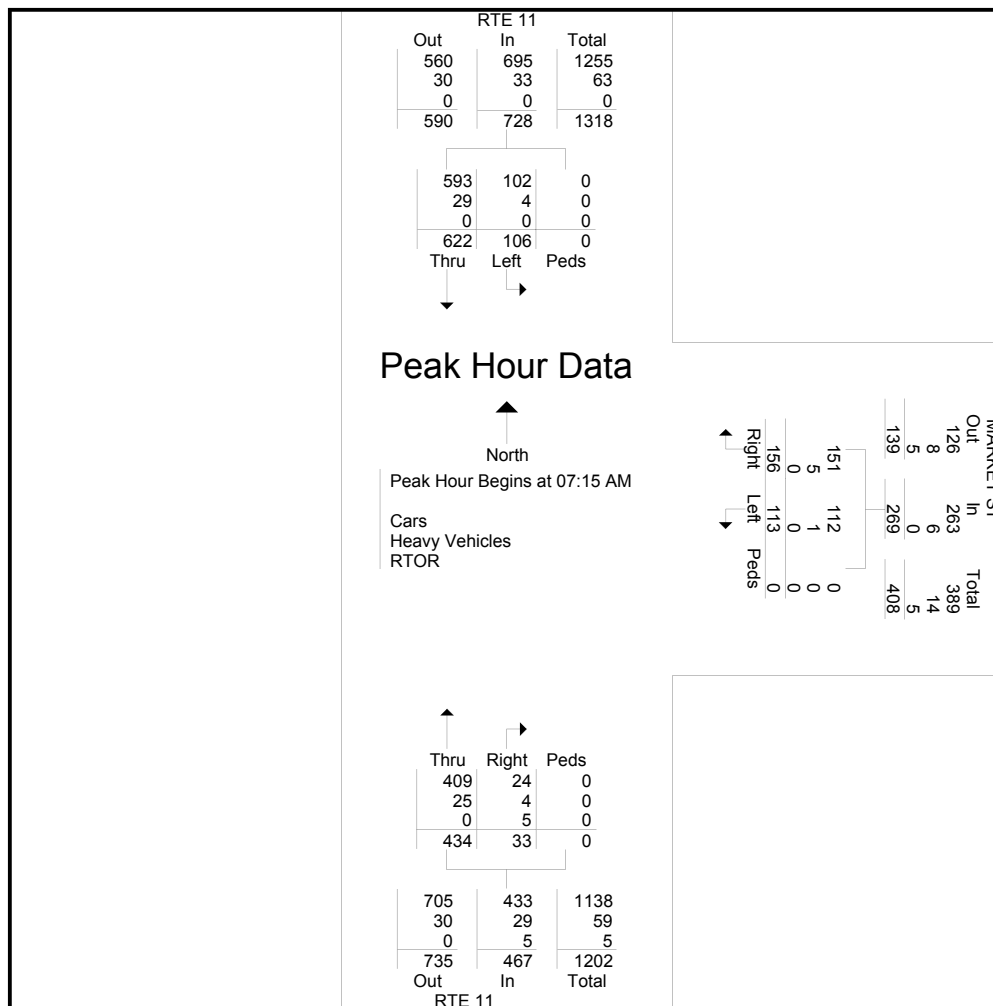
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	RTE 11 Southbound				MARKET ST Westbound				RTE 11 Northbound				
Start Time	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:15 AM													
07:15 AM	141	29	0	170	26	22	0	48	15	114	0	129	347
07:30 AM	190	32	0	222	39	32	0	71	3	122	0	125	418
07:45 AM	150	23	0	173	51	33	0	84	7	92	0	99	356
08:00 AM	141	22	0	163	40	26	0	66	8	106	0	114	343
Total Volume	622	106	0	728	156	113	0	269	33	434	0	467	1464
% App. Total	85.4	14.6	0		58	42	0		7.1	92.9	0		
PHF	.818	.828	.000	.820	.765	.856	.000	.801	.550	.889	.000	.905	.876
Cars	593	102	0	695	151	112	0	263	24	409	0	433	1391
% Cars	95.3	96.2	0	95.5	96.8	99.1	0	97.8	72.7	94.2	0	92.7	95.0
Heavy Vehicles	29	4	0	33	5	1	0	6	4	25	0	29	68
% Heavy Vehicles	4.7	3.8	0	4.5	3.2	0.9	0	2.2	12.1	5.8	0	6.2	4.6
RTOR	0	0	0	0	0	0	0	0	5	0	0	5	5
% RTOR	0	0	0	0	0	0	0	0	15.2	0	0	1.1	0.3



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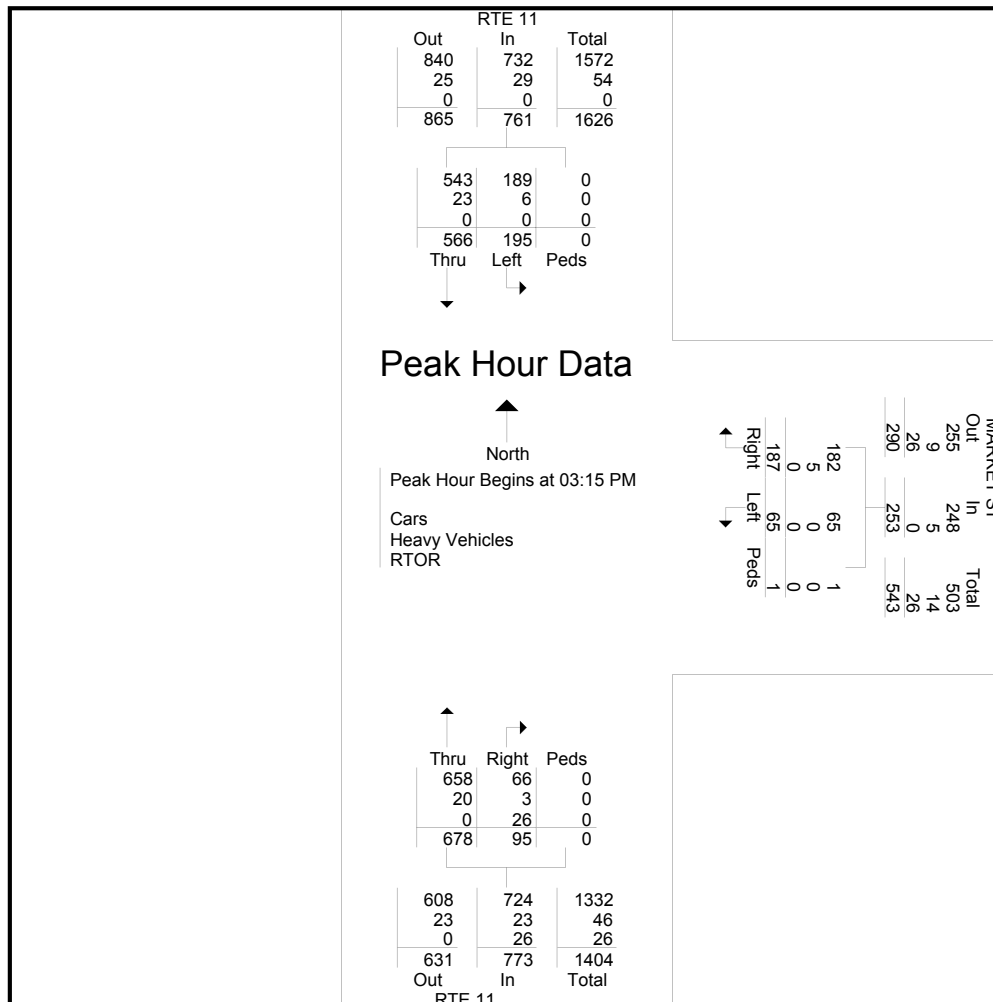
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File Name : SM0414-1
Site Code : 00000000
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Page No : 4

	RTE 11 Southbound				MARKET ST Westbound				RTE 11 Northbound				
Start Time	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 03:15 PM													
03:15 PM	125	42	0	167	38	13	0	51	22	179	0	201	419
03:30 PM	149	52	0	201	37	25	1	63	29	182	0	211	475
03:45 PM	147	50	0	197	51	10	0	61	24	155	0	179	437
04:00 PM	145	51	0	196	61	17	0	78	20	162	0	182	456
Total Volume	566	195	0	761	187	65	1	253	95	678	0	773	1787
% App. Total	74.4	25.6	0		73.9	25.7	0.4		12.3	87.7	0		
PHF	.950	.938	.000	.947	.766	.650	.250	.811	.819	.931	.000	.916	.941
Cars	543	189	0	732	182	65	1	248	66	658	0	724	1704
% Cars	95.9	96.9	0	96.2	97.3	100	100	98.0	69.5	97.1	0	93.7	95.4
Heavy Vehicles	23	6	0	29	5	0	0	5	3	20	0	23	57
% Heavy Vehicles	4.1	3.1	0	3.8	2.7	0	0	2.0	3.2	2.9	0	3.0	3.2
RTOR	0	0	0	0	0	0	0	0	26	0	0	26	26
% RTOR	0	0	0	0	0	0	0	0	27.4	0	0	3.4	1.5



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610-466-1469
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Location: Columbia County, PA
Intersection: RT 11/Briar Creek Plaza
Date: Wednesday, April 14, 2010
Counter: CMK

File Name : SM0414-2
Site Code : 00000000
Start Date : 4/14/2010
Page No : 1

Groups Printed- Cars - Heavy Vehicles - RTOR

	RT 11 Southbound					BRIAR CREEK PLAZA Westbound					RT 11 Northbound					BRIAR CREEK PLAZA Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 AM	10	38	0	0	48	1	1	5	0	7	7	50	3	0	60	5	0	1	0	6	121
06:15 AM	6	67	1	0	74	1	1	4	0	6	5	81	4	0	90	2	2	7	0	11	181
06:30 AM	6	89	0	0	95	0	1	15	0	16	12	97	4	0	113	1	0	3	2	6	230
06:45 AM	16	77	3	0	96	2	0	8	0	10	10	98	4	0	112	7	0	7	0	14	232
Total	38	271	4	0	313	4	3	32	0	39	34	326	15	0	375	15	2	18	2	37	764
07:00 AM	11	84	7	0	102	2	1	6	0	9	13	85	11	0	109	10	2	10	0	22	242
07:15 AM	12	100	7	0	119	1	3	13	0	17	9	86	4	0	99	6	0	7	0	13	248
07:30 AM	13	103	2	0	118	1	0	10	0	11	10	120	13	0	143	10	2	9	1	22	294
07:45 AM	22	116	3	0	141	1	2	5	0	8	10	121	7	0	138	6	2	7	0	15	302
Total	58	403	19	0	480	5	6	34	0	45	42	412	35	0	489	32	6	33	1	72	1086
08:00 AM	12	94	5	0	111	0	1	5	0	6	8	103	5	0	116	9	1	15	0	25	258
08:15 AM	18	74	15	0	107	2	4	11	0	17	8	109	8	0	125	6	4	17	0	27	276
08:30 AM	21	98	9	0	128	4	1	3	0	8	6	101	1	0	108	12	0	8	0	20	264
08:45 AM	18	77	9	0	104	2	2	15	0	19	11	115	8	0	134	9	1	6	0	16	273
Total	69	343	38	0	450	8	8	34	0	50	33	428	22	0	483	36	6	46	0	88	1071
*** BREAK ***																					
03:00 PM	35	115	4	2	156	3	0	14	0	17	10	145	19	2	176	22	2	41	0	65	414
03:15 PM	47	115	5	0	167	4	1	8	0	13	2	135	15	0	152	15	2	30	0	47	379
03:30 PM	53	128	3	0	184	3	1	8	0	12	10	167	25	0	202	33	3	38	0	74	472
03:45 PM	47	134	7	0	188	2	3	14	1	20	5	137	29	0	171	30	2	57	0	89	468
Total	182	492	19	2	695	12	5	44	1	62	27	584	88	2	701	100	9	166	0	275	1733
04:00 PM	48	113	5	0	166	8	1	18	0	27	8	128	12	0	148	45	1	47	0	93	434
04:15 PM	50	121	4	0	175	6	4	11	0	21	7	123	22	0	152	26	0	40	0	66	414
04:30 PM	52	132	4	0	188	5	1	7	0	13	4	135	19	0	158	23	1	39	0	63	422
04:45 PM	35	136	2	0	173	3	1	12	0	16	10	159	23	0	192	24	1	50	0	75	456
Total	185	502	15	0	702	22	7	48	0	77	29	545	76	0	650	118	3	176	0	297	1726
05:00 PM	59	158	3	0	220	5	2	11	0	18	8	171	29	0	208	31	0	51	0	82	528
05:15 PM	39	128	1	0	168	3	4	10	0	17	11	168	17	0	196	26	1	52	0	79	460
05:30 PM	43	97	0	0	140	4	2	11	0	17	8	166	29	0	203	35	1	38	0	74	434
05:45 PM	42	119	3	0	164	0	0	9	0	9	5	137	19	0	161	18	1	47	0	66	400
Total	183	502	7	0	692	12	8	41	0	61	32	642	94	0	768	110	3	188	0	301	1822
Grand Total	715	2513	102	2	3332	63	37	233	1	334	197	2937	330	2	3466	411	29	627	3	1070	8202
Apprch %	21.5	75.4	3.1	0.1		18.9	11.1	69.8	0.3		5.7	84.7	9.5	0.1		38.4	2.7	58.6	0.3		
Total %	8.7	30.6	1.2	0	40.6	0.8	0.5	2.8	0	4.1	2.4	35.8	4	0	42.3	5	0.4	7.6	0	13	
Cars	712	2410	100	2	3224	51	37	232	1	321	184	2827	323	2	3336	316	29	625	3	973	7854
% Cars	99.6	95.9	98	100	96.8	81	100	99.6	100	96.1	93.4	96.3	97.9	100	96.2	76.9	100	99.7	100	90.9	95.8
Heavy Vehicles	2	102	2	0	106	1	0	1	0	2	4	110	7	0	121	5	0	2	0	7	236
% Heavy Vehicles	0.3	4.1	2	0	3.2	1.6	0	0.4	0	0.6	2	3.7	2.1	0	3.5	1.2	0	0.3	0	0.7	2.9
RTOR	1	1	0	0	2	11	0	0	0	11	9	0	0	0	9	90	0	0	0	90	112
% RTOR	0.1	0	0	0	0.1	17.5	0	0	0	3.3	4.6	0	0	0	0.3	21.9	0	0	0	8.4	1.4

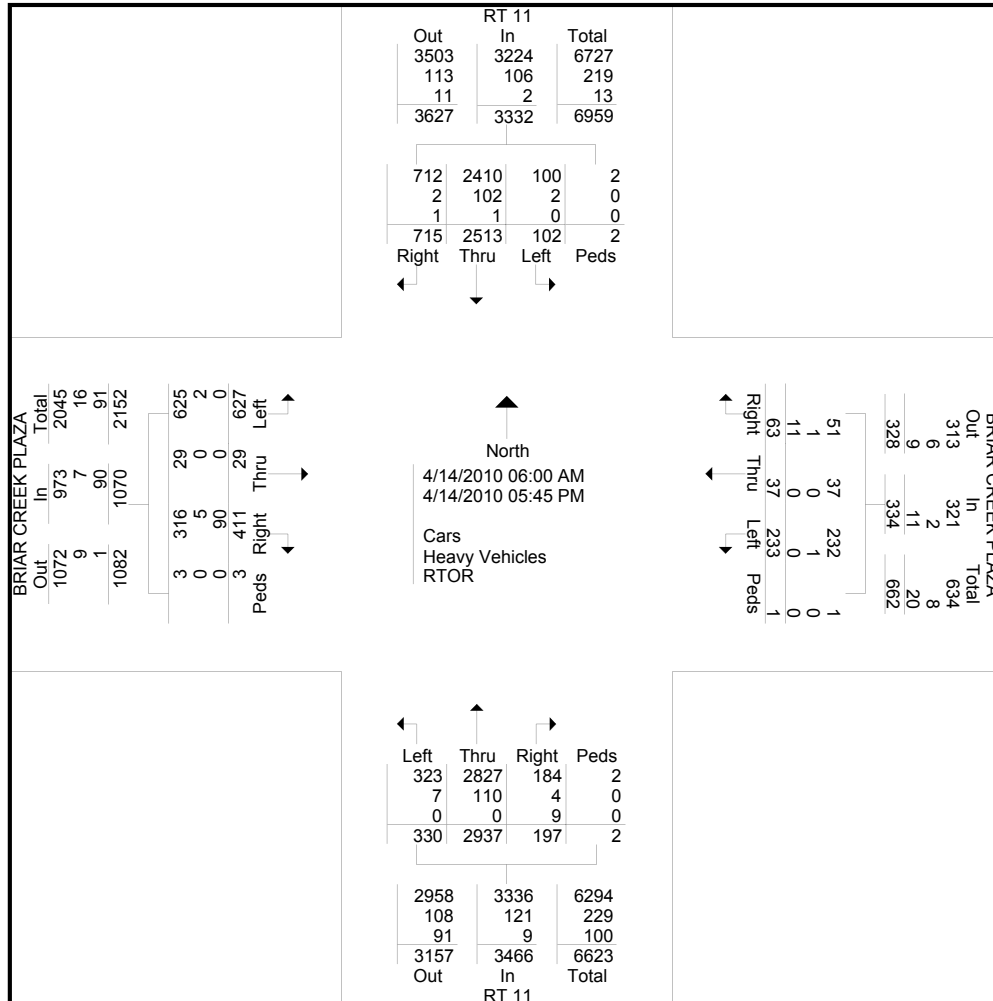
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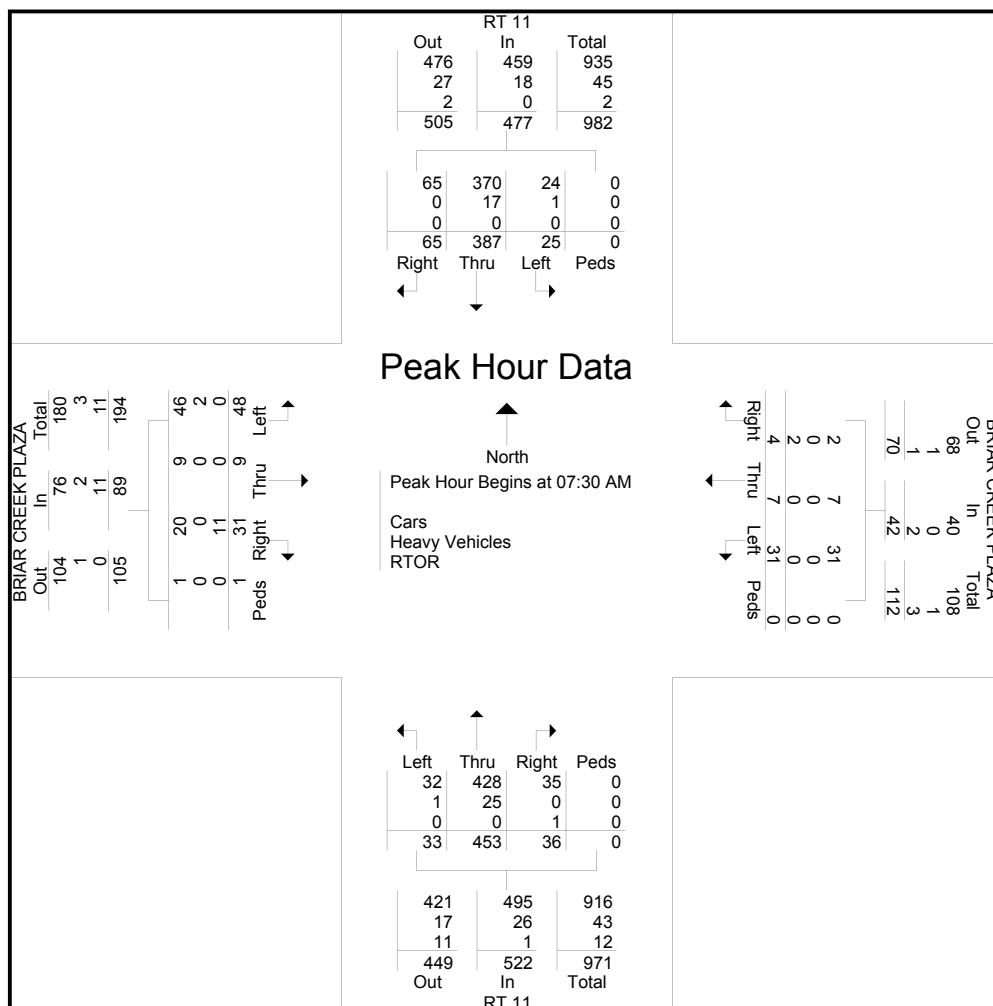
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File Name : SM0414-2
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Start Date : 4/14/2010
Page No : 3

	RT 11 Southbound					BRIAR CREEK PLAZA Westbound					RT 11 Northbound					BRIAR CREEK PLAZA Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	13	103	2	0	118	1	0	10	0	11	10	120	13	0	143	10	2	9	1	22	294
07:45 AM	22	116	3	0	141	1	2	5	0	8	10	121	7	0	138	6	2	7	0	15	302
08:00 AM	12	94	5	0	111	0	1	5	0	6	8	103	5	0	116	9	1	15	0	25	258
08:15 AM	18	74	15	0	107	2	4	11	0	17	8	109	8	0	125	6	4	17	0	27	276
Total Volume	65	387	25	0	477	4	7	31	0	42	36	453	33	0	522	31	9	48	1	89	1130
% App. Total	13.6	81.1	5.2	0		9.5	16.7	73.8	0		6.9	86.8	6.3	0		34.8	10.1	53.9	1.1		
PHF	.739	.834	.417	.000	.846	.500	.438	.705	.000	.618	.900	.936	.635	.000	.913	.775	.563	.706	.250	.824	.935
Cars	65	370	24	0	459	2	7	31	0	40	35	428	32	0	495	20	9	46	1	76	1070
% Cars	100	95.6	96.0	0	96.2	50.0	100	100	0	95.2	97.2	94.5	97.0	0	94.8	64.5	100	95.8	100	85.4	94.7
Heavy Vehicles																					
% Heavy Vehicles	0	4.4	4.0	0	3.8	0	0	0	0	0	0	5.5	3.0	0	5.0	0	0	4.2	0	2.2	4.1
RTOR	0	0	0	0	0	2	0	0	0	2	1	0	0	0	1	11	0	0	0	11	14
% RTOR	0	0	0	0	0	50.0	0	0	0	4.8	2.8	0	0	0	0.2	35.5	0	0	0	12.4	1.2



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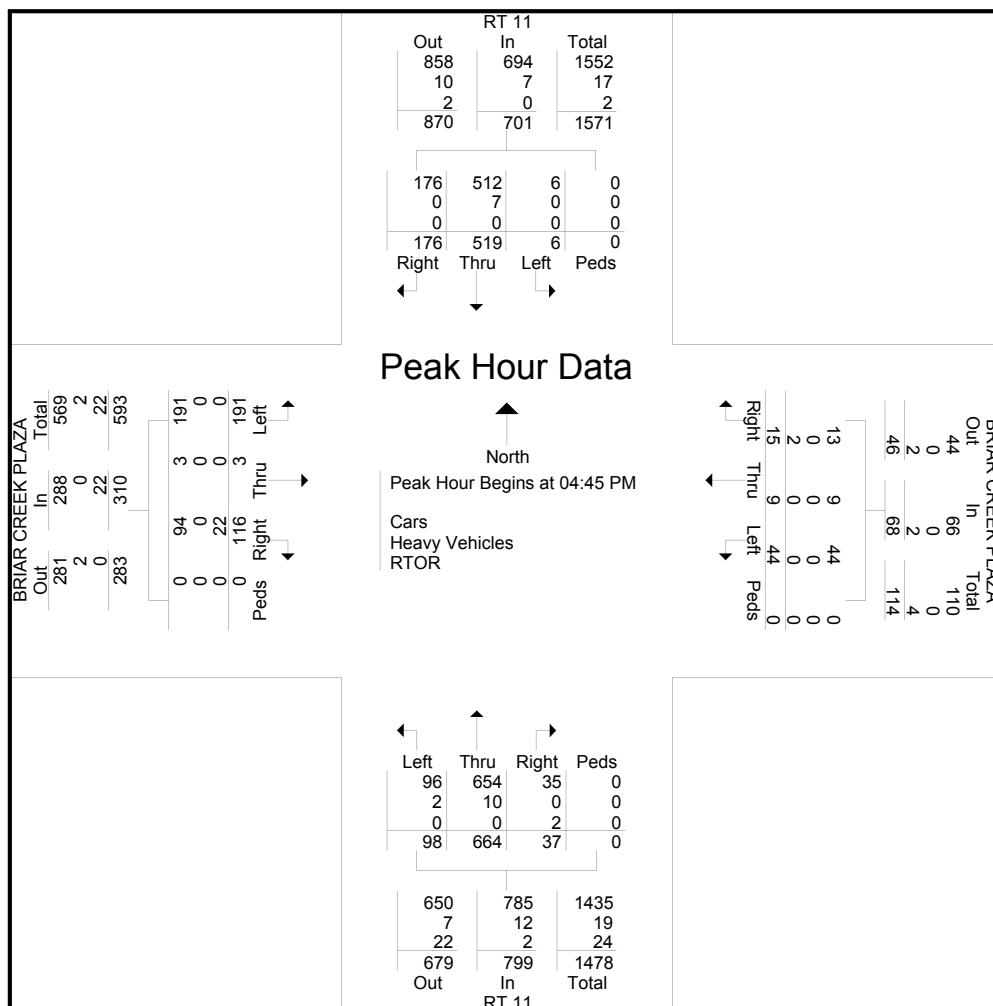
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	RT 11 Southbound					BRIAR CREEK PLAZA Westbound					RT 11 Northbound					BRIAR CREEK PLAZA Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	35	136	2	0	173	3	1	12	0	16	10	159	23	0	192	24	1	50	0	75	456
05:00 PM	59	158	3	0	220	5	2	11	0	18	8	171	29	0	208	31	0	51	0	82	528
05:15 PM	39	128	1	0	168	3	4	10	0	17	11	168	17	0	196	26	1	52	0	79	460
05:30 PM	43	97	0	0	140	4	2	11	0	17	8	166	29	0	203	35	1	38	0	74	434
Total Volume	176	519	6	0	701	15	9	44	0	68	37	664	98	0	799	116	3	191	0	310	1878
% App. Total	25.1	74	0.9	0		22.1	13.2	64.7	0		4.6	83.1	12.3	0		37.4	1	61.6	0		
PHF	.746	.821	.500	.000	.797	.750	.563	.917	.000	.944	.841	.971	.845	.000	.960	.829	.750	.918	.000	.945	.889
Cars	176	512	6	0	694	13	9	44	0	66	35	654	96	0	785	94	3	191	0	288	1833
% Cars	100	98.7	100	0	99.0	86.7	100	100	0	97.1	94.6	98.5	98.0	0	98.2	81.0	100	100	0	92.9	97.6
Heavy Vehicles																					
% Heavy Vehicles	0	1.3	0	0	1.0	0	0	0	0	0	0	1.5	2.0	0	1.5	0	0	0	0	0	1.0
RTOR	0	0	0	0	0	2	0	0	0	2	2	0	0	0	2	22	0	0	0	22	26
% RTOR	0	0	0	0	0	13.3	0	0	0	2.9	5.4	0	0	0	0.3	19.0	0	0	0	7.1	1.4



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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: Rt 11/Easton St
Date: Thursday, April 15, 2010
Counter: JF

File Name : SM0415-2A
Site Code : 00000000
Start Date : 4/15/2010
Page No : 1

Groups Printed- Cars - Heavy Vehicles

	Rt 11 Southbound					Eaton St Westbound					Rt 11 Northbound					Eaton St Eastbound					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
06:00 AM	0	65	0	0	65	0	0	2	0	2	1	61	5	0	67	6	0	0	0	6	140
06:15 AM	0	73	1	0	74	0	0	0	0	0	1	86	1	0	88	4	0	3	0	7	169
06:30 AM	0	116	3	0	119	0	0	0	0	0	2	98	5	0	105	8	2	0	0	10	234
06:45 AM	1	89	2	0	92	0	0	0	0	0	4	106	2	0	112	4	1	2	0	7	211
Total	1	343	6	0	350	0	0	2	0	2	8	351	13	0	372	22	3	5	0	30	754
07:00 AM	1	96	1	0	98	3	0	0	0	3	1	89	4	0	94	12	1	0	0	13	208
07:15 AM	2	110	2	0	114	2	0	3	0	5	0	115	10	0	125	11	2	0	0	13	257
07:30 AM	3	133	2	0	138	2	1	0	0	3	3	104	4	0	111	9	0	1	0	10	262
07:45 AM	0	123	5	0	128	2	1	2	0	5	11	107	5	0	123	8	0	0	0	8	264
Total	6	462	10	0	478	9	2	5	0	16	15	415	23	0	453	40	3	1	0	44	991
08:00 AM	2	129	4	0	135	0	2	2	0	4	5	101	3	0	109	15	3	1	0	19	267
08:15 AM	5	114	2	0	121	0	0	4	0	4	9	96	5	0	110	10	2	1	0	13	248
08:30 AM	1	146	2	0	149	1	0	0	0	1	6	87	4	0	97	5	2	0	0	7	254
08:45 AM	2	137	3	0	142	2	0	6	0	8	7	109	2	0	118	16	3	1	0	20	288
Total	10	526	11	0	547	3	2	12	0	17	27	393	14	0	434	46	10	3	0	59	1057
*** BREAK ***																					
03:00 PM	4	153	4	0	161	4	1	1	0	6	9	173	13	0	195	11	0	1	0	12	374
03:15 PM	4	171	6	0	181	1	3	2	0	6	16	167	17	0	200	12	0	2	0	14	401
03:30 PM	2	188	2	0	192	8	0	6	0	14	16	167	12	0	195	7	1	0	0	8	409
03:45 PM	3	158	3	0	164	4	1	5	0	10	12	156	17	0	185	9	0	1	0	10	369
Total	13	670	15	0	698	17	5	14	0	36	53	663	59	0	775	39	1	4	0	44	1553
04:00 PM	6	179	2	0	187	3	0	7	0	10	6	140	14	0	160	12	1	1	0	14	371
04:15 PM	5	161	6	0	172	2	1	1	0	4	8	124	11	0	143	14	2	1	0	17	336
04:30 PM	4	168	7	0	179	14	2	6	0	22	7	140	16	0	163	5	2	1	0	8	372
04:45 PM	0	162	9	0	171	5	2	1	0	8	8	134	9	0	151	13	1	1	0	15	345
Total	15	670	24	0	709	24	5	15	0	44	29	538	50	0	617	44	6	4	0	54	1424
05:00 PM	6	166	9	0	181	19	5	5	0	29	6	178	11	0	195	12	1	4	0	17	422
05:15 PM	4	153	3	0	160	3	0	7	0	10	12	168	12	0	192	10	2	1	0	13	375
05:30 PM	3	155	15	0	173	13	1	1	0	15	13	153	9	0	175	11	7	0	0	18	381
05:45 PM	7	123	31	0	161	10	5	6	0	21	17	121	6	0	144	14	3	0	0	17	343
Total	20	597	58	0	675	45	11	19	0	75	48	620	38	0	706	47	13	5	0	65	1521
Grand Total	65	3268	124	0	3457	98	25	67	0	190	180	2980	197	0	3357	238	36	22	0	296	7300
Apprch %	1.9	94.5	3.6	0		51.6	13.2	35.3	0		5.4	88.8	5.9	0		80.4	12.2	7.4	0		
Total %	0.9	44.8	1.7	0	47.4	1.3	0.3	0.9	0	2.6	2.5	40.8	2.7	0	46	3.3	0.5	0.3	0	4.1	
Cars	65	3177	119	0	3361	97	24	59	0	180	170	2884	197	0	3251	236	36	21	0	293	7085
% Cars	100	97.2	96	0	97.2	99	96	88.1	0	94.7	94.4	96.8	100	0	96.8	99.2	100	95.5	0	99	97.1
Heavy Vehicles	0	91	5	0	96	1	1	8	0	10	10	96	0	0	106	2	0	1	0	3	215
% Heavy Vehicles	0	2.8	4	0	2.8	1	4	11.9	0	5.3	5.6	3.2	0	0	3.2	0.8	0	4.5	0	1	2.9

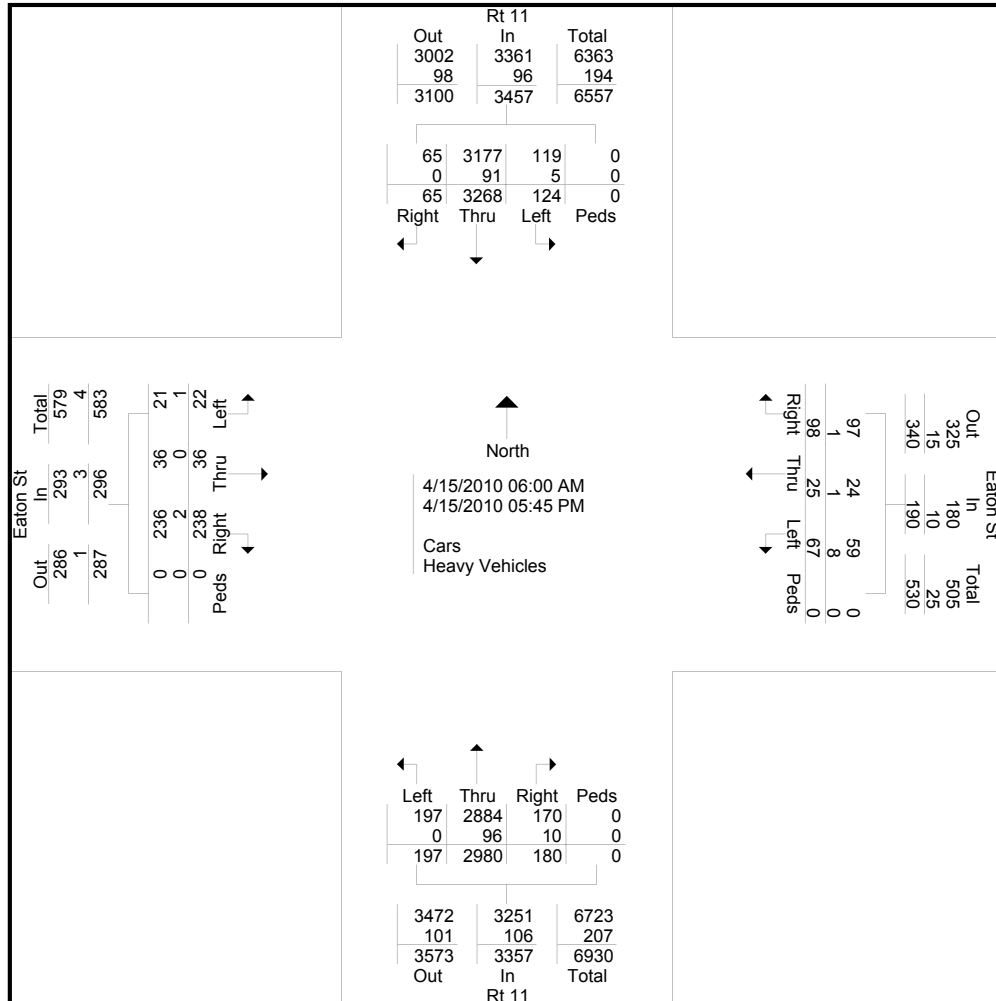
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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: Rt 11/Easton St
Date: Thursday, April 15, 2010
Counter: JF

File Name : SM0415-2A
Site Code : 00000000
Start Date : 4/15/2010
Page No : 2



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Tri-State Traffic Data, Inc.

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Intersection: Rt 11/Easton St
Date: Thursday, April 15, 2010
Counter: JF

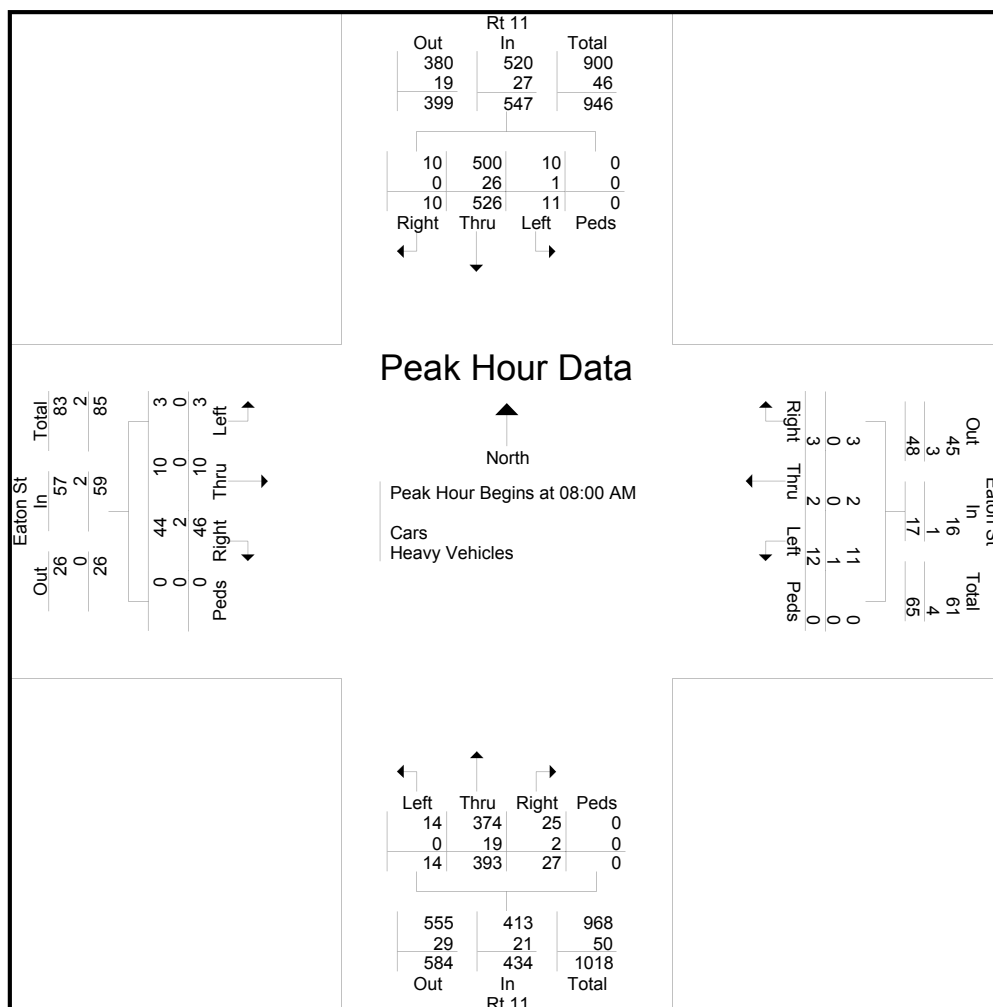
File Name : SM0415-2A
Site Code : 00000000
Start Date : 4/15/2010
Page No : 3

	Rt 11 Southbound					Eaton St Westbound					Rt 11 Northbound					Eaton St Eastbound					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total

Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 08:00 AM

08:00 AM	2	129	4	0	135	0	2	2	0	4	5	101	3	0	109	15	3	1	0	19	267
08:15 AM	5	114	2	0	121	0	0	4	0	4	9	96	5	0	110	10	2	1	0	13	248
08:30 AM	1	146	2	0	149	1	0	0	0	1	6	87	4	0	97	5	2	0	0	7	254
08:45 AM	2	137	3	0	142	2	0	6	0	8	7	109	2	0	118	16	3	1	0	20	288
Total Volume	10	526	11	0	547	3	2	12	0	17	27	393	14	0	434	46	10	3	0	59	1057
% App. Total	1.8	96.2	2	0		17.6	11.8	70.6	0		6.2	90.6	3.2	0		78	16.9	5.1	0		
PHF	.500	.901	.688	.000	.918	.375	.250	.500	.000	.531	.750	.901	.700	.000	.919	.719	.833	.750	.000	.738	.918
Cars	10	500	10	0	520	3	2	11	0	16	25	374	14	0	413	44	10	3	0	57	1006
% Cars	100	95.1	90.9	0	95.1	100	100	91.7	0	94.1	92.6	95.2	100	0	95.2	95.7	100	100	0	96.6	95.2
Heavy Vehicles																					
% Heavy Vehicles	0	4.9	9.1	0	4.9	0	0	8.3	0	5.9	7.4	4.8	0	0	4.8	4.3	0	0	0	3.4	4.8



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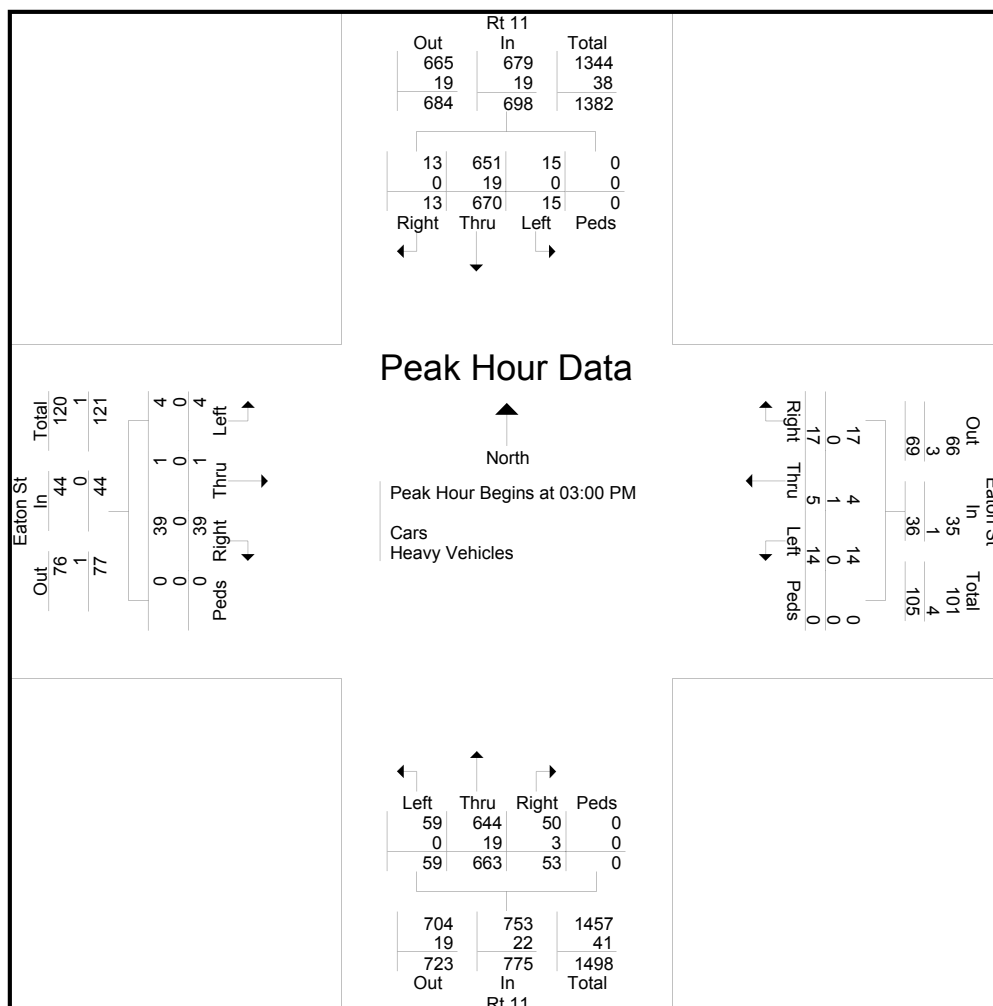
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: Rt 11/Easton St
Date: Thursday, April 15, 2010
Counter: JF

File Name : SM0415-2A
Site Code : 00000000
Start Date : 4/15/2010
Page No : 4

	Rt 11 Southbound					Eaton St Westbound					Rt 11 Northbound					Eaton St Eastbound					
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 03:00 PM																					
03:00 PM	4	153	4	0	161	4	1	1	0	6	9	173	13	0	195	11	0	1	0	12	374
03:15 PM	4	171	6	0	181	1	3	2	0	6	16	167	17	0	200	12	0	2	0	14	401
03:30 PM	2	188	2	0	192	8	0	6	0	14	16	167	12	0	195	7	1	0	0	8	409
03:45 PM	3	158	3	0	164	4	1	5	0	10	12	156	17	0	185	9	0	1	0	10	369
Total Volume	13	670	15	0	698	17	5	14	0	36	53	663	59	0	775	39	1	4	0	44	1553
% App. Total	1.9	96	2.1	0		47.2	13.9	38.9	0		6.8	85.5	7.6	0		88.6	2.3	9.1	0		
PHF	.813	.891	.625	.000	.909	.531	.417	.583	.000	.643	.828	.958	.868	.000	.969	.813	.250	.500	.000	.786	.949
Cars	13	651	15	0	679	17	4	14	0	35	50	644	59	0	753	39	1	4	0	44	1511
% Cars	100	97.2	100	0	97.3	100	80.0	100	0	97.2	94.3	97.1	100	0	97.2	100	100	100	0	100	97.3
Heavy Vehicles																					
% Heavy Vehicles	0	2.8	0	0	2.7	0	20.0	0	0	2.8	5.7	2.9	0	0	2.8	0	0	0	0	0	2.7



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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: Poplar St/ US 11
Date: Wednesday, June, 11, 2008
Tech. RZ

File Name : SM0611-3
Site Code : 00000000
Start Date : 6/11/2008
Page No : 1

Groups Printed- Cars - Heavy Vehicles

	RTE 11 Southbound					POPLAR ST Westbound					RTE 11 Northbound					POPLAR ST Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 AM	0	67	3	0	70	2	1	4	0	7	7	88	0	0	95	1	2	1	0	4	176
06:15 AM	0	98	3	0	101	3	1	2	0	6	2	98	0	0	100	4	1	1	1	7	214
06:30 AM	0	116	5	1	122	5	1	6	0	12	7	118	0	0	125	2	2	1	1	6	265
06:45 AM	0	107	9	0	116	1	2	5	0	8	8	69	0	0	77	5	5	0	1	11	212
Total	0	388	20	1	409	11	5	17	0	33	24	373	0	0	397	12	10	3	3	28	867
07:00 AM	0	100	5	2	107	9	0	9	0	18	8	75	0	0	83	0	0	0	0	0	208
07:15 AM	0	104	15	0	119	12	0	3	0	15	8	84	0	0	92	0	0	0	0	0	226
07:30 AM	0	146	9	0	155	6	0	3	1	10	9	107	0	0	116	0	0	0	0	0	281
07:45 AM	0	115	12	0	127	3	0	10	0	13	7	115	0	0	122	0	0	0	0	0	262
Total	0	465	41	2	508	30	0	25	1	56	32	381	0	0	413	0	0	0	0	0	977
08:00 AM	0	133	9	0	142	5	0	20	0	25	4	72	0	0	76	0	0	0	0	0	243
08:15 AM	0	118	4	0	122	9	0	13	0	22	3	97	0	0	100	0	0	0	0	0	244
08:30 AM	0	127	7	0	134	14	0	12	0	26	5	110	0	0	115	0	0	0	1	1	276
08:45 AM	0	130	13	0	143	11	0	6	2	19	4	95	0	1	100	0	0	0	2	2	264
Total	0	508	33	0	541	39	0	51	2	92	16	374	0	1	391	0	0	0	3	3	1027
*** BREAK ***																					
02:30 PM	1	137	17	0	155	16	5	13	0	34	8	146	1	1	156	6	3	1	0	10	355
02:45 PM	2	141	14	1	158	12	6	17	0	35	9	125	5	3	142	2	7	7	1	17	352
Total	3	278	31	1	313	28	11	30	0	69	17	271	6	4	298	8	10	8	1	27	707
03:00 PM	1	143	12	2	158	24	10	14	1	49	10	145	3	0	158	5	13	7	0	25	390
03:15 PM	3	146	16	1	166	14	4	19	0	37	7	158	1	0	166	5	6	8	0	19	388
03:30 PM	1	159	19	0	179	26	9	21	2	58	9	159	3	0	171	9	9	5	1	24	432
03:45 PM	0	169	15	0	184	17	7	23	1	48	9	176	2	0	187	9	11	8	3	31	450
Total	5	617	62	3	687	81	30	77	4	192	35	638	9	0	682	28	39	28	4	99	1660
04:00 PM	4	140	7	1	152	17	10	44	0	71	6	136	7	0	149	3	10	6	2	21	393
04:15 PM	2	153	15	0	170	24	9	27	0	60	7	155	2	0	164	4	11	8	0	23	417
04:30 PM	0	204	8	0	212	22	16	27	0	65	7	192	6	0	205	6	7	4	0	17	499
04:45 PM	2	149	19	0	170	14	8	27	0	49	8	142	6	0	156	2	11	11	0	24	399
Total	8	646	49	1	704	77	43	125	0	245	28	625	21	0	674	15	39	29	2	85	1708
05:00 PM	3	147	4	0	154	20	16	38	0	74	3	181	5	1	190	8	8	6	0	22	440
05:15 PM	0	155	8	0	163	9	2	24	0	35	3	156	1	0	160	4	7	8	0	19	377
Grand Total	19	3204	248	8	3479	295	107	387	7	796	158	2999	42	6	3205	75	113	82	13	283	7763
Apprch %	0.5	92.1	7.1	0.2		37.1	13.4	48.6	0.9		4.9	93.6	1.3	0.2		26.5	39.9	29	4.6		
Total %	0.2	41.3	3.2	0.1	44.8	3.8	1.4	5	0.1	10.3	2	38.6	0.5	0.1	41.3	1	1.5	1.1	0.2	3.6	
Cars	19	3102	224	8	3353	279	107	376	7	769	149	2894	42	6	3091	74	113	82	13	282	7495
% Cars	100	96.8	90.3	100	96.4	94.6	100	97.2	100	96.6	94.3	96.5	100	100	96.4	98.7	100	100	100	99.6	96.5
Heavy Vehicles	0	102	24	0	126	16	0	11	0	27	9	105	0	0	114	1	0	0	0	1	268
% Heavy Vehicles	0	3.2	9.7	0	3.6	5.4	0	2.8	0	3.4	5.7	3.5	0	0	3.6	1.3	0	0	0	0.4	3.5

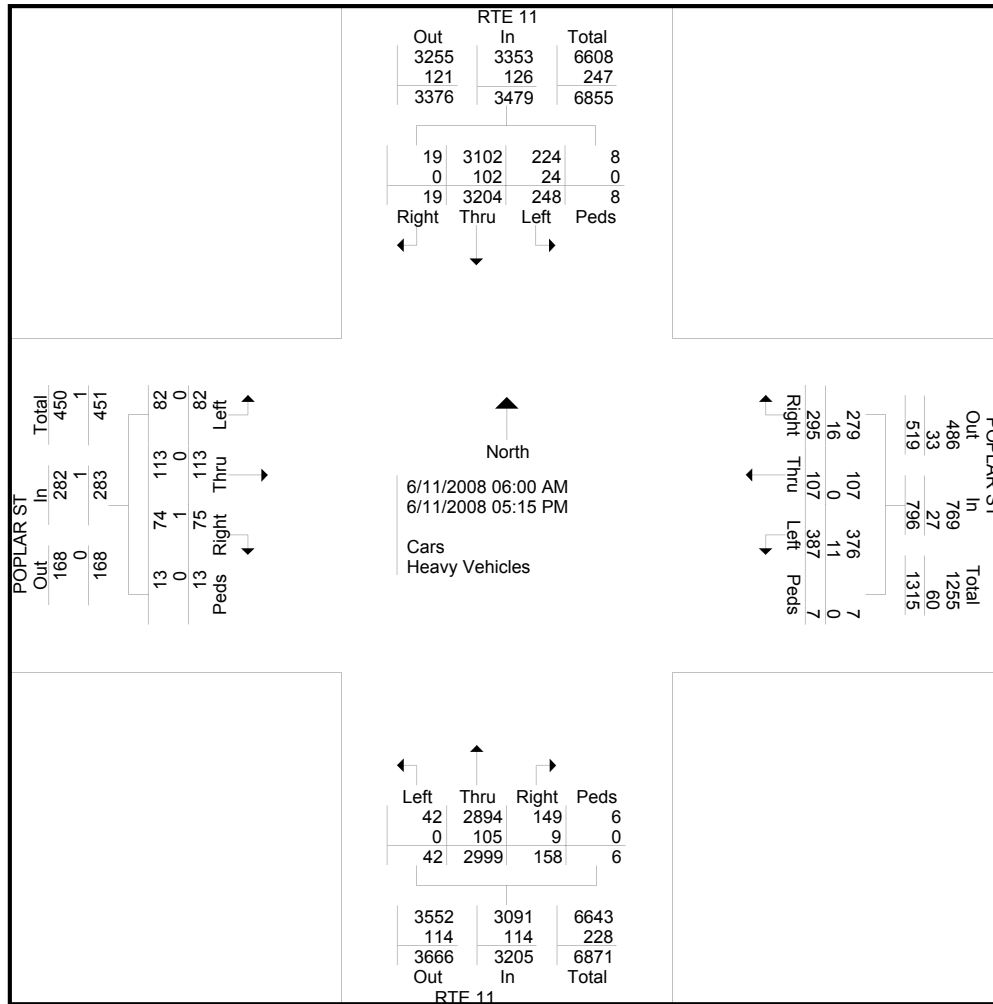
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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: Poplar St/ US 11
Date: Wednesday, June, 11, 2008
Tech. RZ

File Name : SM0611-3
Site Code : 00000000
Start Date : 6/11/2008
Page No : 2



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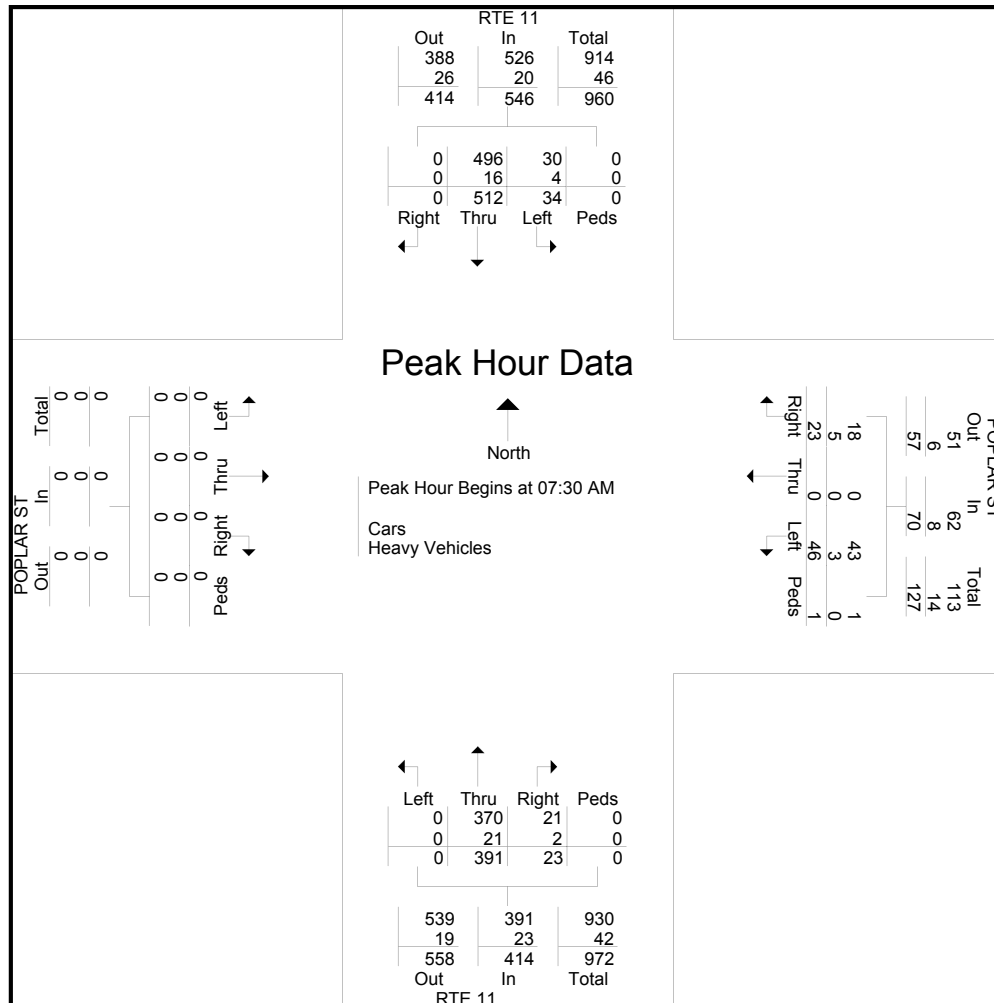
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Intersection: Poplar St/ US 11
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Tech. RZ

File Name : SM0611-3
Site Code : 00000000
Start Date : 6/11/2008
Page No : 3

	RTE 11 Southbound					POPLAR ST Westbound					RTE 11 Northbound					POPLAR ST Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	0	146	9	0	155	6	0	3	1	10	9	107	0	0	116	0	0	0	0	0	281
07:45 AM	0	115	12	0	127	3	0	10	0	13	7	115	0	0	122	0	0	0	0	0	262
08:00 AM	0	133	9	0	142	5	0	20	0	25	4	72	0	0	76	0	0	0	0	0	243
08:15 AM	0	118	4	0	122	9	0	13	0	22	3	97	0	0	100	0	0	0	0	0	244
Total Volume	0	512	34	0	546	23	0	46	1	70	23	391	0	0	414	0	0	0	0	0	1030
% App. Total	0	93.8	6.2	0		32.9	0	65.7	1.4		5.6	94.4	0	0		0	0	0	0	0	
PHF	.000	.877	.708	.000	.881	.639	.000	.575	.250	.700	.639	.850	.000	.000	.848	.000	.000	.000	.000	.000	.916
Cars	0	496	30	0	526	18	0	43	1	62	21	370	0	0	391	0	0	0	0	0	979
% Cars	0	96.9	88.2	0	96.3	78.3	0	93.5	100	88.6	91.3	94.6	0	0	94.4	0	0	0	0	0	95.0
Heavy Vehicles																					
% Heavy Vehicles	0	3.1	11.8	0	3.7	21.7	0	6.5	0	11.4	8.7	5.4	0	0	5.6	0	0	0	0	0	5.0



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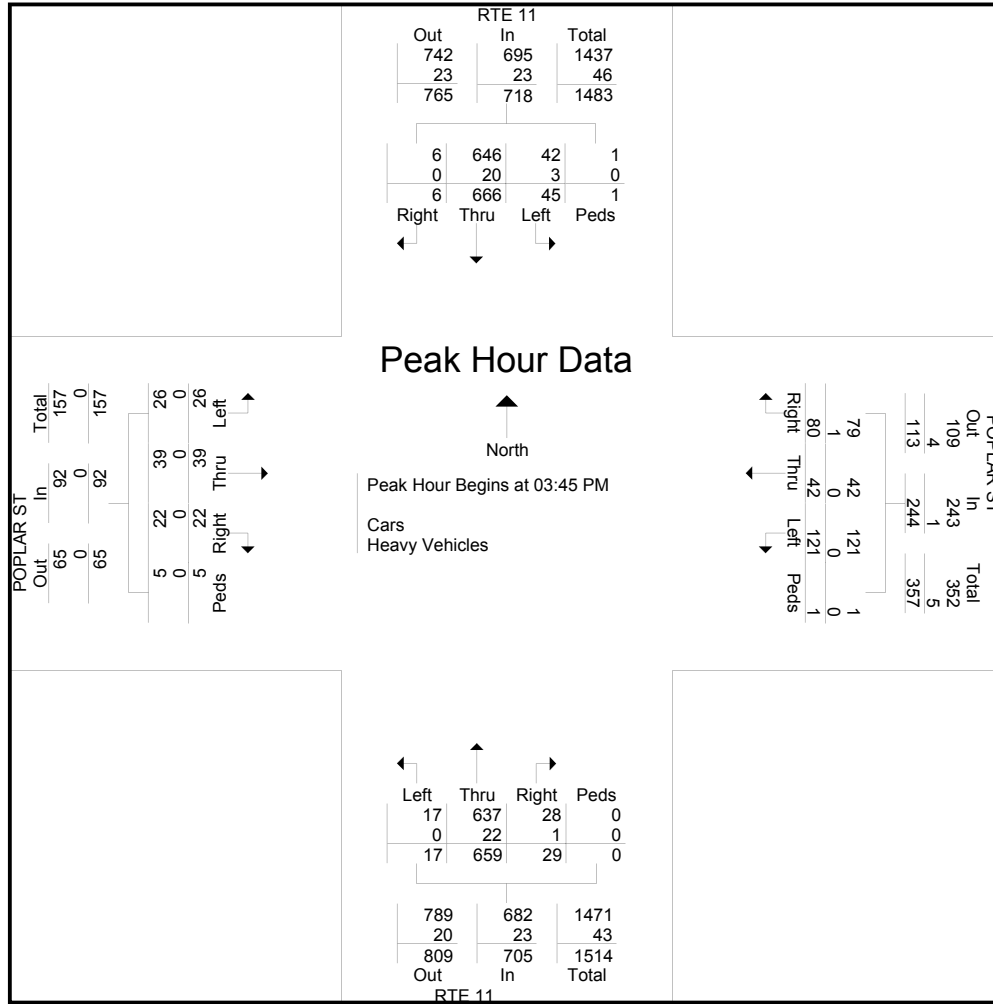
Tri-State Traffic Data, Inc.

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Location: Columbia County, PA
Intersection: Poplar St/ US 11
Date: Wednesday, June, 11, 2008
Tech. RZ

File Name : SM0611-3
Site Code : 00000000
Start Date : 6/11/2008
Page No : 4

	RTE 11 Southbound					POPLAR ST Westbound					RTE 11 Northbound					POPLAR ST Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 03:45 PM																					
03:45 PM	0	169	15	0	184	17	7	23	1	48	9	176	2	0	187	9	11	8	3	31	450
04:00 PM	4	140	7	1	152	17	10	44	0	71	6	136	7	0	149	3	10	6	2	21	393
04:15 PM	2	153	15	0	170	24	9	27	0	60	7	155	2	0	164	4	11	8	0	23	417
04:30 PM	0	204	8	0	212	22	16	27	0	65	7	192	6	0	205	6	7	4	0	17	499
Total Volume	6	666	45	1	718	80	42	121	1	244	29	659	17	0	705	22	39	26	5	92	1759
% App. Total	0.8	92.8	6.3	0.1		32.8	17.2	49.6	0.4		4.1	93.5	2.4	0		23.9	42.4	28.3	5.4		
PHF	.375	.816	.750	.250	.847	.833	.656	.688	.250	.859	.806	.858	.607	.000	.860	.611	.886	.813	.417	.742	.881
Cars	6	646	42	1	695	79	42	121	1	243	28	637	17	0	682	22	39	26	5	92	1712
% Cars	100	97.0	93.3	100	96.8	98.8	100	100	100	99.6	96.6	96.7	100	0	96.7	100	100	100	100	100	97.3
Heavy Vehicles																					
% Heavy Vehicles	0	3.0	6.7	0	3.2	1.3	0	0	0	0.4	3.4	3.3	0	0	3.3	0	0	0	0	0	2.7



Tri-State Traffic Data, Inc.

610-466-1469

www.TSTData.com

Location: Columbia County, PA
 Intersection: Front St./ Orchard St.
 Date: Wednesday: April 14, 2010
 Counter: Ji

File Name : SM0414-3
 Site Code : 00000000
 Start Date : 4/14/2010
 Page No : 1

Groups Printed- Car - Heavy Vehicles - RTOR

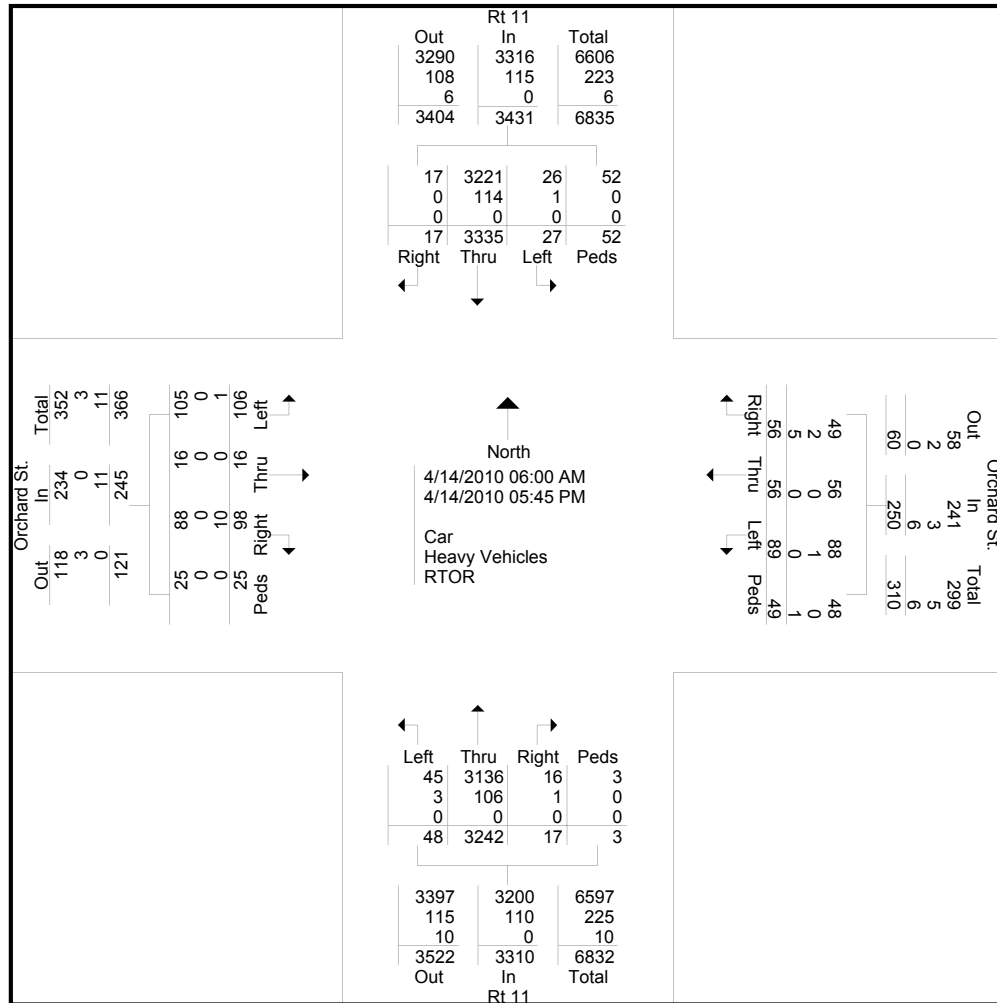
	Rt 11 Southbound					Orchard St. Westbound					Rt 11 Northbound					Orchard St. Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 AM	1	52	0	0	53	0	1	2	0	3	0	50	1	0	51	1	0	1	2	4	111
06:15 AM	0	70	0	0	70	1	0	2	1	4	0	77	0	0	77	4	0	0	2	6	157
06:30 AM	0	99	0	1	100	1	0	1	1	3	1	101	0	0	102	3	0	0	0	3	208
06:45 AM	0	102	0	0	102	0	0	0	2	2	0	98	1	0	99	1	1	1	1	4	207
Total	1	323	0	1	325	2	1	5	4	12	1	326	2	0	329	9	1	2	5	17	683
07:00 AM	0	95	2	0	97	3	0	2	0	5	0	102	0	0	102	1	1	5	1	8	212
07:15 AM	0	137	1	0	138	2	2	2	1	7	0	118	1	2	121	3	0	4	0	7	273
07:30 AM	0	144	1	1	146	0	0	7	0	7	0	127	1	0	128	5	0	3	0	8	289
07:45 AM	2	172	4	5	183	0	1	2	3	6	0	107	2	0	109	4	0	1	1	6	304
Total	2	548	8	6	564	5	3	13	4	25	0	454	4	2	460	13	1	13	2	29	1078
08:00 AM	0	120	0	4	124	2	4	4	4	14	1	111	2	0	114	2	0	8	0	10	262
08:15 AM	1	127	1	5	134	3	6	6	0	15	0	122	4	0	126	6	2	11	0	19	294
08:30 AM	1	162	0	0	163	0	3	5	0	8	0	115	3	1	119	1	0	5	1	7	297
08:45 AM	2	114	2	0	118	1	3	2	0	6	0	82	1	0	83	0	1	1	0	2	209
Total	4	523	3	9	539	6	16	17	4	43	1	430	10	1	442	9	3	25	1	38	1062
03:00 PM	2	176	0	2	180	1	1	2	7	11	2	150	0	0	152	6	1	4	0	11	354
03:15 PM	0	171	2	18	191	1	4	3	1	9	2	149	3	0	154	7	1	9	0	17	371
03:30 PM	2	185	2	3	192	2	1	1	2	6	3	185	3	0	191	12	2	5	0	19	408
03:45 PM	0	178	1	1	180	1	7	4	1	13	1	168	1	0	170	11	2	7	0	20	383
Total	4	710	5	24	743	5	13	10	11	39	8	652	7	0	667	36	6	25	0	67	1516
04:00 PM	0	149	1	2	152	15	6	10	1	32	0	173	4	0	177	5	4	5	2	16	377
04:15 PM	1	154	1	0	156	2	1	1	4	8	0	162	4	0	166	6	1	7	3	17	347
04:30 PM	0	159	1	0	160	7	9	11	3	30	0	178	4	0	182	7	0	10	2	19	391
04:45 PM	3	155	2	5	165	4	3	5	10	22	3	161	1	0	165	2	0	3	0	5	357
Total	4	617	5	7	633	28	19	27	18	92	3	674	13	0	690	20	5	25	7	57	1472
05:00 PM	1	164	4	0	169	1	1	7	0	9	2	194	1	0	197	3	0	6	2	11	386
05:15 PM	0	152	1	2	155	3	0	2	1	6	0	183	3	0	186	3	0	5	2	10	357
05:30 PM	0	146	1	0	147	4	1	6	3	14	1	174	4	0	179	1	0	4	0	5	345
05:45 PM	1	152	0	3	156	2	2	2	4	10	1	155	4	0	160	4	0	1	6	11	337
Total	2	614	6	5	627	10	4	17	8	39	4	706	12	0	722	11	0	16	10	37	1425
Grand Total	17	3335	27	52	3431	56	56	89	49	250	17	3242	48	3	3310	98	16	106	25	245	7236
Apprch %	0.5	97.2	0.8	1.5		22.4	22.4	35.6	19.6		0.5	97.9	1.5	0.1		40	6.5	43.3	10.2		
Total %	0.2	46.1	0.4	0.7	47.4	0.8	0.8	1.2	0.7	3.5	0.2	44.8	0.7	0	45.7	1.4	0.2	1.5	0.3	3.4	
Car	17	3221										3136									
% Car	100	96.6	96.3	100	96.6	87.5	100	98.9	98	96.4	94.1	96.7	93.8	100	96.7	89.8	100	99.1	100	95.5	96.6
Heavy Vehicles																					
% Heavy Vehicles	0	3.4	3.7	0	3.4	3.6	0	1.1	0	1.2	5.9	3.3	6.2	0	3.3	0	0	0	0	0	3.2
RTOR	0	0	0	0	0	5	0	0	1	6	0	0	0	0	0	10	0	1	0	11	17
% RTOR	0	0	0	0	0	8.9	0	0	2	2.4	0	0	0	0	0	10.2	0	0.9	0	4.5	0.2

Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: Front St./ Orchard St.
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File Name : SM0414-3
Site Code : 00000000
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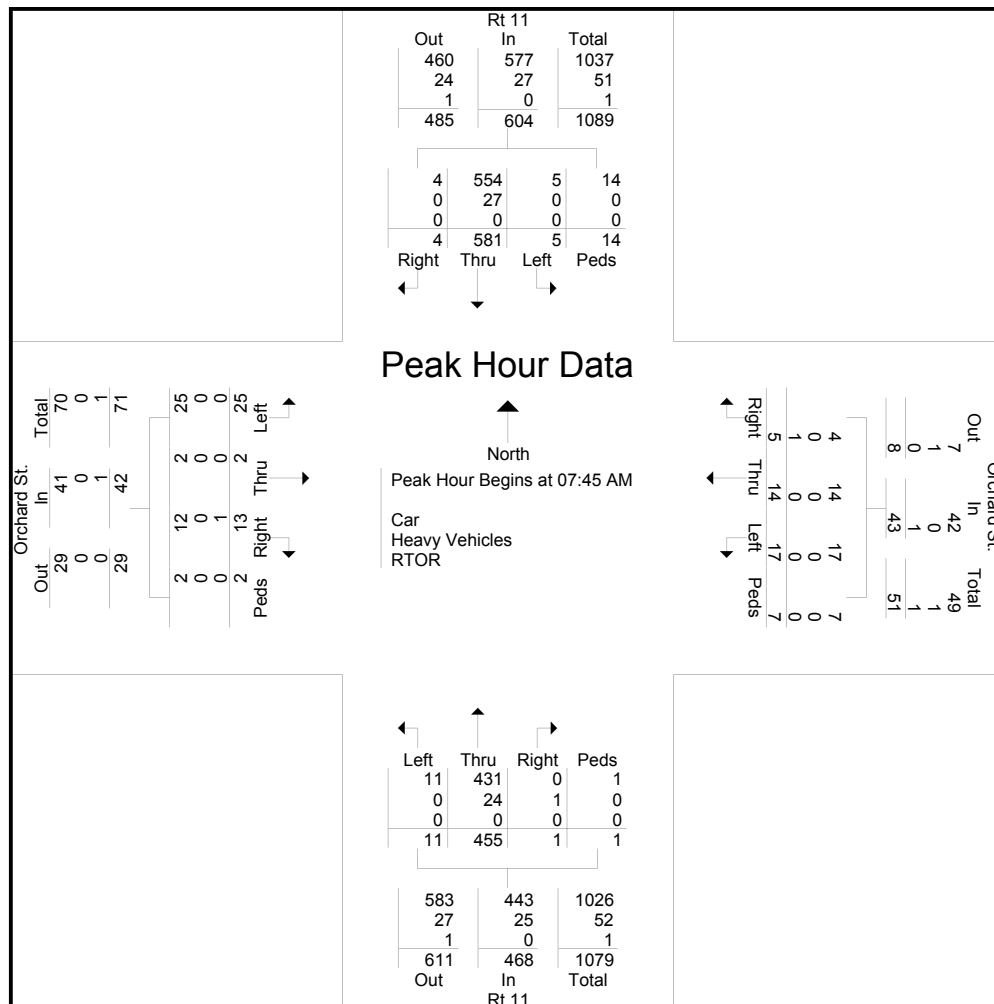
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	Rt 11 Southbound					Orchard St. Westbound					Rt 11 Northbound					Orchard St. Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45 AM																					
07:45 AM	2	172	4	5	183	0	1	2	3	6	0	107	2	0	109	4	0	1	1	6	304
08:00 AM	0	120	0	4	124	2	4	4	4	14	1	111	2	0	114	2	0	8	0	10	262
08:15 AM	1	127	1	5	134	3	6	6	0	15	0	122	4	0	126	6	2	11	0	19	294
08:30 AM	1	162	0	0	163	0	3	5	0	8	0	115	3	1	119	1	0	5	1	7	297
Total Volume	4	581	5	14	604	5	14	17	7	43	1	455	11	1	468	13	2	25	2	42	1157
% App. Total	0.7	96.2	0.8	2.3		11.6	32.6	39.5	16.3		0.2	97.2	2.4	0.2		31	4.8	59.5	4.8		
PHF	.500	.844	.313	.700	.825	.417	.583	.708	.438	.717	.250	.932	.688	.250	.929	.542	.250	.568	.500	.553	.951
Car	4	554	5	14	577	4	14	17	7	42	0	431	11	1	443	12	2	25	2	41	1103
% Car	100	95.4	100	100	95.5	80.0	100	100	100	97.7	0	94.7	100	100	94.7	92.3	100	100	100	97.6	95.3
Heavy Vehicles																					
% Heavy Vehicles	0	4.6	0	0	4.5	0	0	0	0	0	100	5.3	0	0	5.3	0	0	0	0	0	4.5
RTOR	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1	2
% RTOR	0	0	0	0	0	20.0	0	0	0	2.3	0	0	0	0	0	7.7	0	0	0	2.4	0.2



Tri-State Traffic Data, Inc.

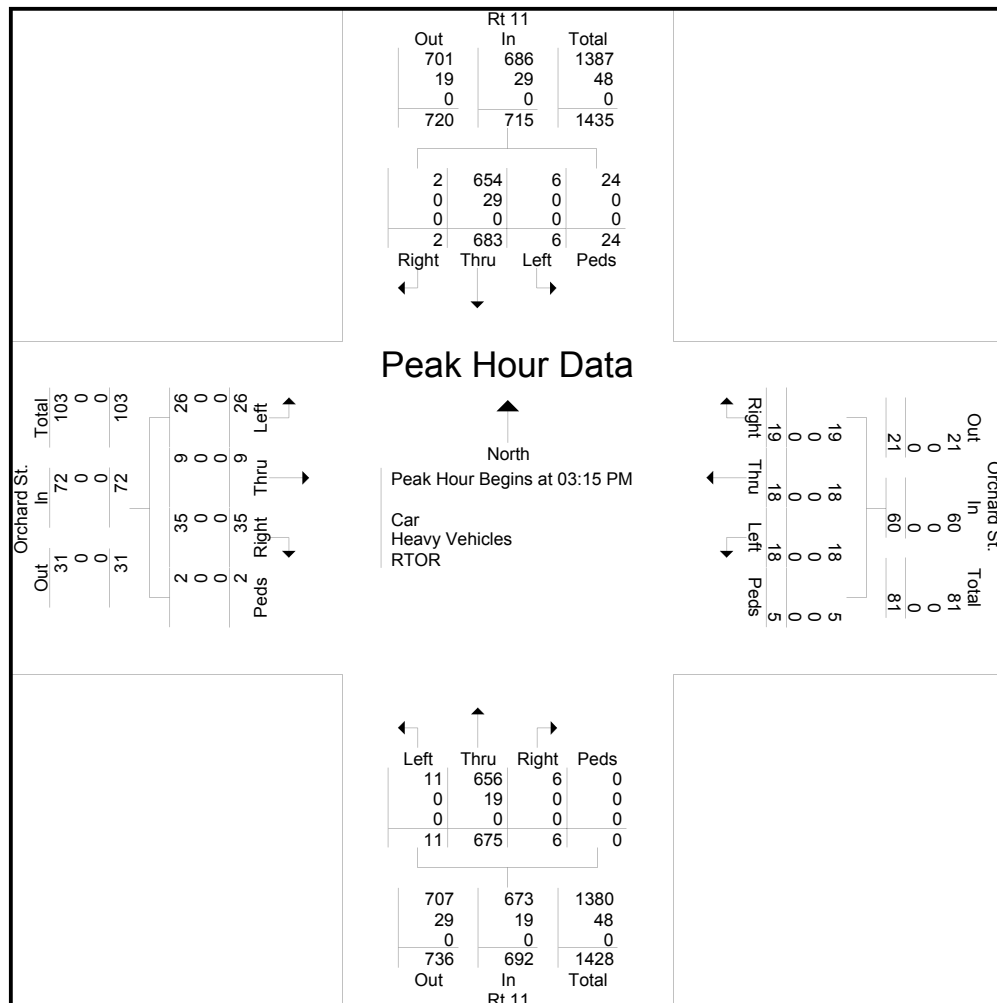
610-466-1469

www.TSTData.com

Location: Columbia County, PA
 Intersection: Front St./ Orchard St.
 Date: Wednesday: April 14, 2010
 Counter: Ji

File Name : SM0414-3
 Site Code : 00000000
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	Rt 11 Southbound					Orchard St. Westbound					Rt 11 Northbound					Orchard St. Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 03:15 PM																					
03:15 PM	0	171	2	18	191	1	4	3	1	9	2	149	3	0	154	7	1	9	0	17	371
03:30 PM	2	185	2	3	192	2	1	1	2	6	3	185	3	0	191	12	2	5	0	19	408
03:45 PM	0	178	1	1	180	1	7	4	1	13	1	168	1	0	170	11	2	7	0	20	383
04:00 PM	0	149	1	2	152	15	6	10	1	32	0	173	4	0	177	5	4	5	2	16	377
Total Volume	2	683	6	24	715	19	18	18	5	60	6	675	11	0	692	35	9	26	2	72	1539
% App. Total	0.3	95.5	0.8	3.4		31.7	30	30	8.3		0.9	97.5	1.6	0		48.6	12.5	36.1	2.8		
PHF	.250	.923	.750	.333	.931	.317	.643	.450	.625	.469	.500	.912	.688	.000	.906	.729	.563	.722	.250	.900	.943
Car	2	654	6	24	686	19	18	18	5	60	6	656	11	0	673	35	9	26	2	72	1491
% Car	100	95.8	100	100	95.9	100	100	100	100	100	100	97.2	100	0	97.3	100	100	100	100	100	96.9
Heavy Vehicles																					
% Heavy Vehicles	0	4.2	0	0	4.1	0	0	0	0	0	0	2.8	0	0	2.7	0	0	0	0	0	3.1
RTOR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% RTOR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: US 11 / Orange St.
Date: Thursday, June 12, 2008
Counter: JI

File Name : SM0612-4A
Site Code : 00000000
Start Date : 6/12/2008
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Groups Printed- Cars - Heavy Vehicles

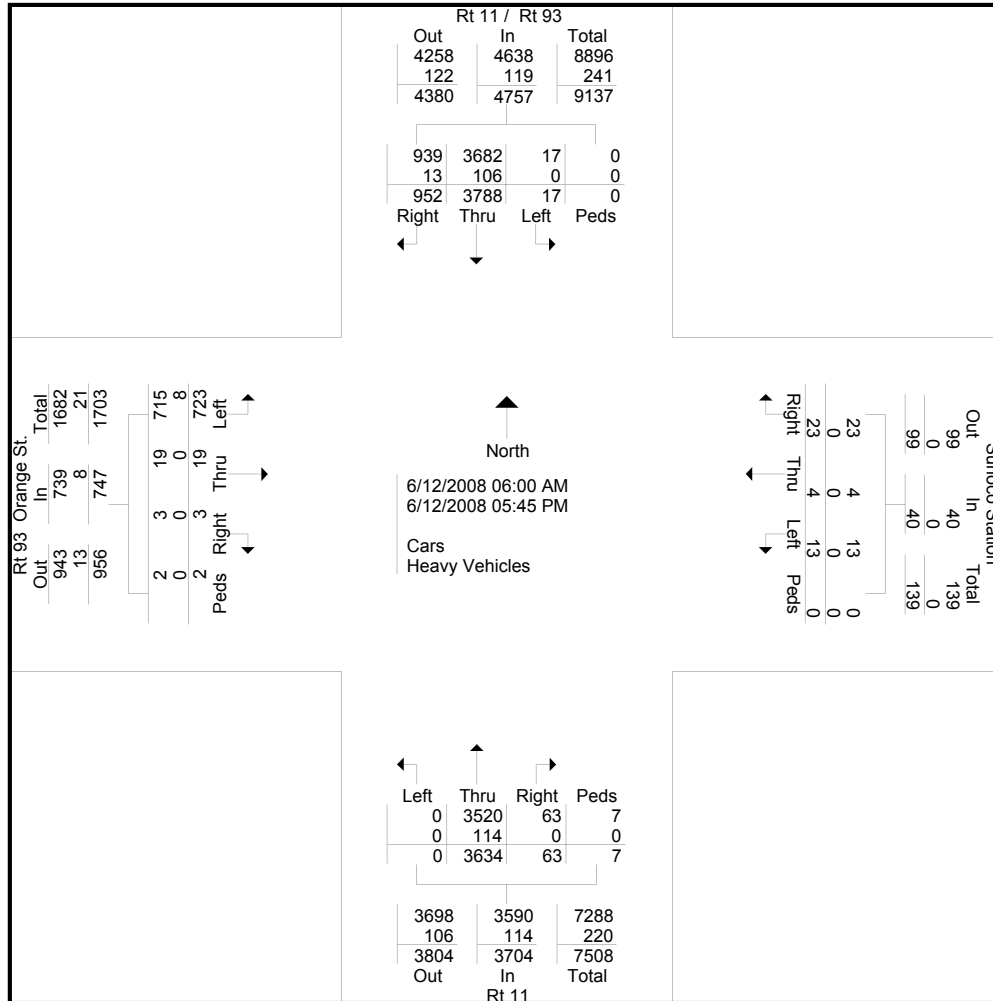
	Rt 11 / Rt 93 Southbound					Sunoco Station Westbound					Rt 11 Northbound					Rt 93 Orange St. Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 AM	8	70	0	0	78	0	0	0	0	0	2	89	0	0	91	0	0	11	0	11	180
06:15 AM	10	90	1	0	101	0	0	0	0	0	2	86	0	0	88	0	1	14	0	15	204
06:30 AM	9	117	0	0	126	1	0	0	0	1	4	109	0	0	113	0	0	18	0	18	258
06:45 AM	14	88	3	0	105	3	0	2	0	5	3	78	0	0	81	0	2	18	0	20	211
Total	41	365	4	0	410	4	0	2	0	6	11	362	0	0	373	0	3	61	0	64	853
07:00 AM	19	98	0	0	117	0	0	0	0	0	3	77	0	0	80	0	0	16	0	16	213
07:15 AM	15	103	0	0	118	1	0	1	0	2	1	98	0	0	99	0	2	28	0	30	249
07:30 AM	15	148	1	0	164	0	2	0	0	2	2	83	0	0	85	0	1	18	0	19	270
07:45 AM	27	164	0	0	191	0	0	2	0	2	1	91	0	0	92	0	0	12	0	12	297
Total	76	513	1	0	590	1	2	3	0	6	7	349	0	0	356	0	3	74	0	77	1029
08:00 AM	16	108	0	0	124	0	0	0	0	0	2	108	0	0	110	0	0	18	0	18	252
08:15 AM	20	131	2	0	153	1	0	1	0	2	1	111	0	0	112	0	1	28	0	29	296
08:30 AM	20	116	0	0	136	1	1	0	0	2	2	105	0	2	109	1	3	20	1	25	272
08:45 AM	31	109	2	0	142	2	0	1	0	3	3	121	0	0	124	0	2	20	0	22	291
Total	87	464	4	0	555	4	1	2	0	7	8	445	0	2	455	1	6	86	1	94	1111
02:30 PM	41	166	0	0	207	0	1	0	0	1	0	162	0	0	162	0	1	29	0	30	400
02:45 PM	43	137	2	0	182	1	0	1	0	2	3	151	0	0	154	1	1	28	0	30	368
Total	84	303	2	0	389	1	1	1	0	3	3	313	0	0	316	1	2	57	0	60	768
03:00 PM	52	204	3	0	259	1	0	2	0	3	4	178	0	0	182	0	0	22	0	22	466
03:15 PM	52	200	0	0	252	0	0	0	0	0	2	176	0	2	180	0	1	37	0	38	470
03:30 PM	73	180	0	0	253	0	0	0	0	0	1	185	0	0	186	0	1	34	0	35	474
03:45 PM	49	168	0	0	217	5	0	0	0	5	7	190	0	0	197	0	0	43	0	43	462
Total	226	752	3	0	981	6	0	2	0	8	14	729	0	2	745	0	2	136	0	138	1872
04:00 PM	67	173	1	0	241	3	0	0	0	3	7	183	0	0	190	1	1	29	0	31	465
04:15 PM	59	184	1	0	244	0	0	1	0	1	2	160	0	0	162	0	1	48	1	50	457
04:30 PM	66	214	0	0	280	0	0	0	0	0	1	214	0	3	218	0	0	40	0	40	538
04:45 PM	54	174	0	0	228	1	0	1	0	2	5	177	0	0	182	0	0	31	0	31	443
Total	246	745	2	0	993	4	0	2	0	6	15	734	0	3	752	1	2	148	1	152	1903
05:00 PM	64	166	1	0	231	0	0	0	0	0	5	215	0	0	220	0	0	33	0	33	484
05:15 PM	47	162	0	0	209	2	0	0	0	2	0	169	0	0	169	0	0	47	0	47	427
05:30 PM	42	164	0	0	206	0	0	0	0	0	0	163	0	0	163	0	0	42	0	42	411
05:45 PM	39	154	0	0	193	1	0	1	0	2	0	155	0	0	155	0	1	39	0	40	390
Total	192	646	1	0	839	3	0	1	0	4	5	702	0	0	707	0	1	161	0	162	1712
Grand Total	952	3788	17	0	4757	23	4	13	0	40	63	3634	0	7	3704	3	19	723	2	747	9248
Apprch %	20	79.6	0.4	0		57.5	10	32.5	0		1.7	98.1	0	0.2		0.4	2.5	96.8	0.3		
Total %	10.3	41	0.2	0	51.4	0.2	0	0.1	0	0.4	0.7	39.3	0	0.1	40.1	0	0.2	7.8	0	8.1	
Cars	939	3682										3520									
% Cars	98.6	97.2	100	0	97.5	100	100	100	0	100	100	96.9	0	100	96.9	100	100	98.9	100	98.9	97.4
Heavy Vehicles																					
% Heavy Vehicles	1.4	2.8	0	0	2.5	0	0	0	0	0	0	3.1	0	0	3.1	0	0	1.1	0	1.1	2.6

Tri-State Traffic Data, Inc.

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Location: Columbia County, PA
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File Name : SM0612-4A
Site Code : 00000000
Start Date : 6/12/2008
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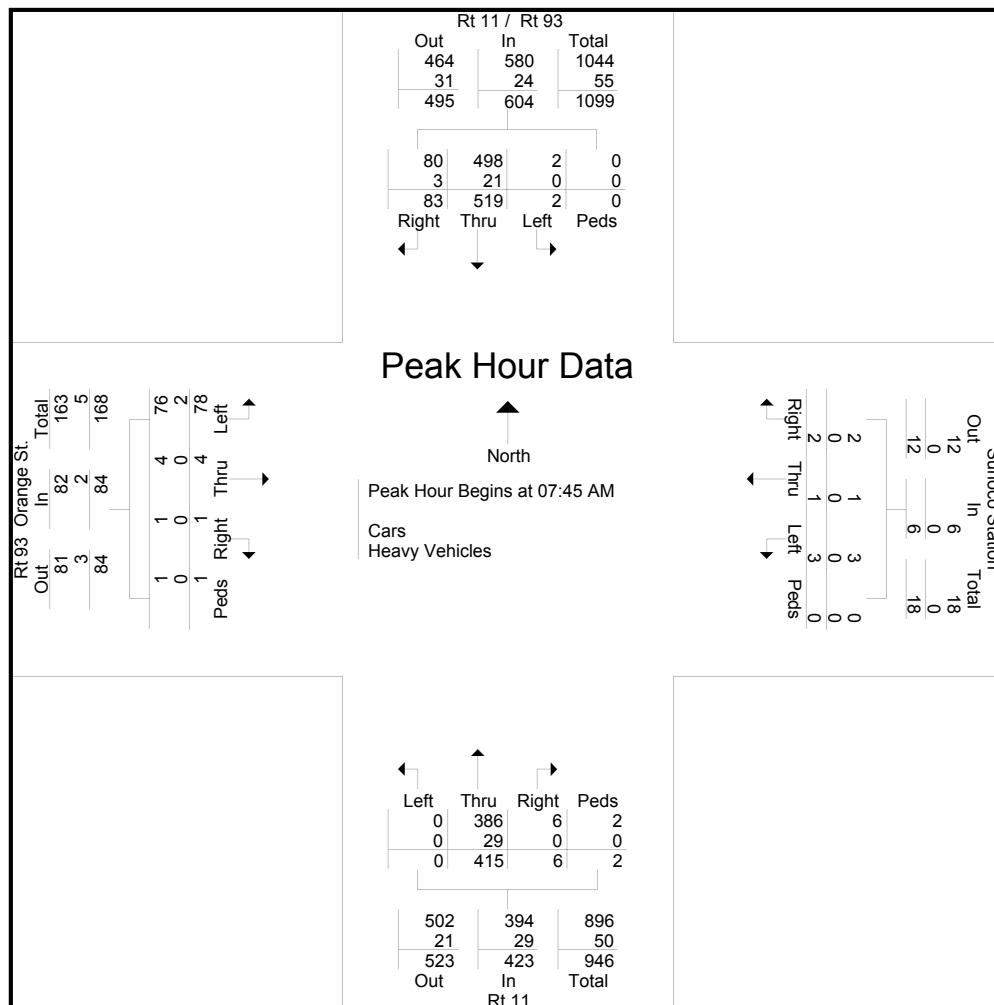
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File Name : SM0612-4A
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	Rt 11 / Rt 93 Southbound					Sunoco Station Westbound					Rt 11 Northbound					Rt 93 Orange St. Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45 AM																					
07:45 AM	27	164	0	0	191	0	0	2	0	2	1	91	0	0	92	0	0	12	0	12	297
08:00 AM	16	108	0	0	124	0	0	0	0	0	2	108	0	0	110	0	0	18	0	18	252
08:15 AM	20	131	2	0	153	1	0	1	0	2	1	111	0	0	112	0	1	28	0	29	296
08:30 AM	20	116	0	0	136	1	1	0	0	2	2	105	0	2	109	1	3	20	1	25	272
Total Volume	83	519	2	0	604	2	1	3	0	6	6	415	0	2	423	1	4	78	1	84	1117
% App. Total	13.7	85.9	0.3	0		33.3	16.7	50	0		1.4	98.1	0	0.5		1.2	4.8	92.9	1.2		
PHF	.769	.791	.250	.000	.791	.500	.250	.375	.000	.750	.750	.935	.000	.250	.944	.250	.333	.696	.250	.724	.940
Cars	80	498	2	0	580	2	1	3	0	6	6	386	0	2	394	1	4	76	1	82	1062
% Cars	96.4	96.0	100	0	96.0	100	100	100	0	100	100	93.0	0	100	93.1	100	100	97.4	100	97.6	95.1
Heavy Vehicles																					
% Heavy Vehicles	3.6	4.0	0	0	4.0	0	0	0	0	0	0	7.0	0	0	6.9	0	0	2.6	0	2.4	4.9



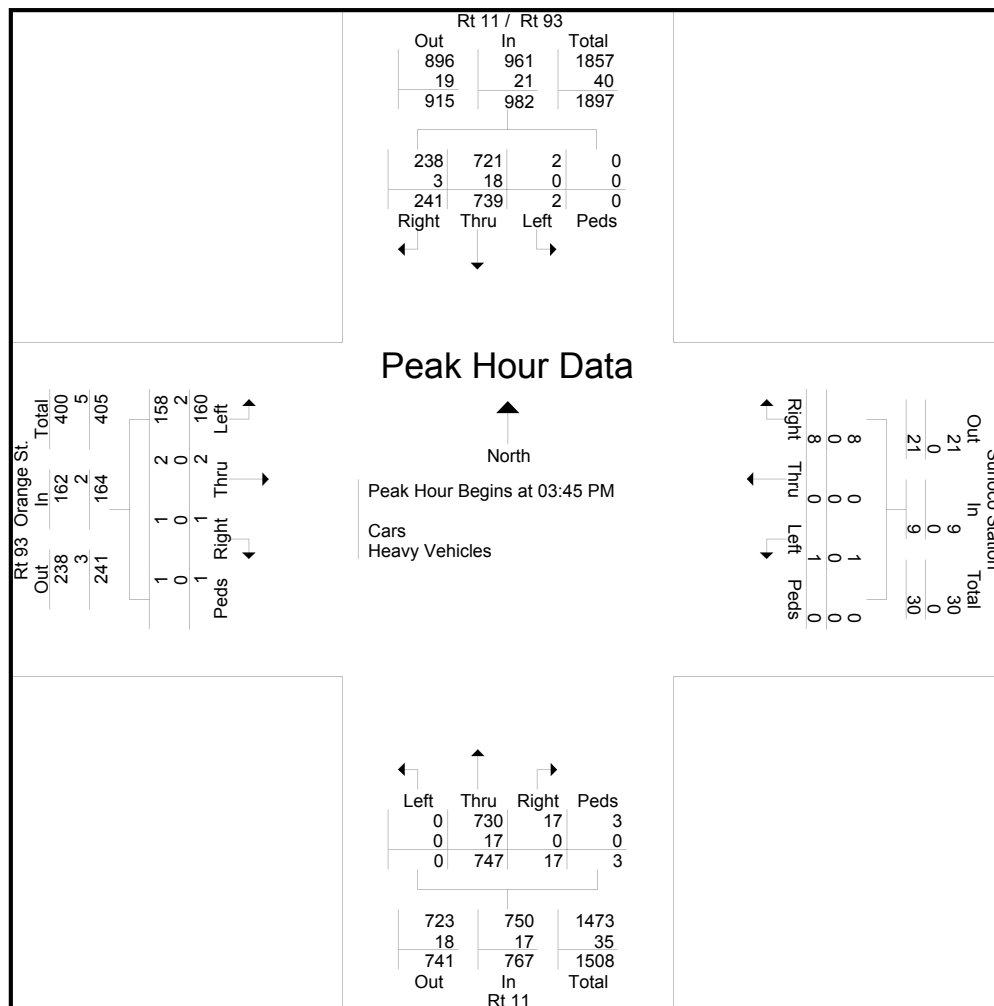
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File Name : SM0612-4A
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	Rt 11 / Rt 93 Southbound					Sunoco Station Westbound					Rt 11 Northbound					Rt 93 Orange St. Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 03:45 PM																					
03:45 PM	49	168	0	0	217	5	0	0	0	5	7	190	0	0	197	0	0	43	0	43	462
04:00 PM	67	173	1	0	241	3	0	0	0	3	7	183	0	0	190	1	1	29	0	31	465
04:15 PM	59	184	1	0	244	0	0	1	0	1	2	160	0	0	162	0	1	48	1	50	457
04:30 PM	66	214	0	0	280	0	0	0	0	0	1	214	0	3	218	0	0	40	0	40	538
Total Volume	241	739	2	0	982	8	0	1	0	9	17	747	0	3	767	1	2	160	1	164	1922
% App. Total	24.5	75.3	0.2	0		88.9	0	11.1	0		2.2	97.4	0	0.4		0.6	1.2	97.6	0.6		
PHF	.899	.863	.500	.000	.877	.400	.000	.250	.000	.450	.607	.873	.000	.250	.880	.250	.500	.833	.250	.820	.893
Cars	238	721	2	0	961	8	0	1	0	9	17	730	0	3	750	1	2	158	1	162	1882
% Cars	98.8	97.6	100	0	97.9	100	0	100	0	100	100	97.7	0	100	97.8	100	100	98.8	100	98.8	97.9
Heavy Vehicles																					
% Heavy Vehicles	1.2	2.4	0	0	2.1	0	0	0	0	0	0	2.3	0	0	2.2	0	0	1.3	0	1.2	2.1



Controlled Document

Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: US 11 / Lasalle St
Date: Thursday, June 12 2008
Tech. RZ

File Name : SM0612-4C
Site Code : 00000000
Start Date : 6/12/2008
Page No : 1

Groups Printed- Cars - Heavy Vehicles - RTOR

Start Time	RTE 11 Southbound					RTE 11 Northbound					LASALLE ST Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	4	76	1	0	81	0	88	8	0	96	6	0	0	0	6	183
06:15 AM	0	86	0	0	86	0	101	9	0	110	8	0	0	0	8	204
06:30 AM	0	115	1	0	116	0	116	16	0	132	11	0	0	0	11	259
06:45 AM	2	106	0	0	108	0	83	20	0	103	4	0	0	0	4	215
Total	6	383	2	0	391	0	388	53	0	441	29	0	0	0	29	861
07:00 AM	1	99	0	0	100	0	89	9	0	98	14	0	0	0	14	212
07:15 AM	4	109	3	0	116	0	124	8	0	132	8	0	0	1	9	257
07:30 AM	3	149	2	0	154	0	96	11	0	107	20	0	0	0	20	281
07:45 AM	6	172	3	1	182	0	80	21	1	102	19	0	0	2	21	305
Total	14	529	8	1	552	0	389	49	1	439	61	0	0	3	64	1055
08:00 AM	9	117	2	1	129	0	126	9	0	135	11	0	0	0	11	275
08:15 AM	2	140	2	0	144	0	138	4	0	142	15	0	0	0	15	301
08:30 AM	4	115	0	0	119	0	118	6	1	125	10	0	0	2	12	256
08:45 AM	4	131	0	0	135	0	133	11	0	144	10	0	0	1	11	290
Total	19	503	4	1	527	0	515	30	1	546	46	0	0	3	49	1122
*** BREAK ***																
02:30 PM	8	180	1	0	189	0	184	19	0	203	26	0	0	0	26	418
02:45 PM	8	164	4	1	177	0	152	21	0	173	28	0	0	1	29	379
Total	16	344	5	1	366	0	336	40	0	376	54	0	0	1	55	797
03:00 PM	13	223	4	0	240	0	189	9	0	198	43	0	0	0	43	481
03:15 PM	7	218	1	3	229	0	204	16	1	221	31	0	0	2	33	483
03:30 PM	8	225	5	0	238	0	197	22	1	220	38	0	0	1	39	497
03:45 PM	10	187	3	2	202	0	221	20	0	241	30	0	0	0	30	473
Total	38	853	13	5	909	0	811	67	2	880	142	0	0	3	145	1934
04:00 PM	8	224	1	0	233	0	210	16	0	226	39	0	0	2	41	500
04:15 PM	11	223	7	1	242	0	188	17	0	205	21	0	0	1	22	469
04:30 PM	3	237	6	0	246	0	229	21	0	250	56	0	0	2	58	554
04:45 PM	7	195	1	4	207	0	193	22	0	215	24	0	0	1	25	447
Total	29	879	15	5	928	0	820	76	0	896	140	0	0	6	146	1970
05:00 PM	11	214	4	0	229	0	234	9	0	243	32	0	0	1	33	505
05:15 PM	5	180	6	0	191	0	214	33	0	247	30	1	0	2	33	471
Grand Total	138	3885	57	13	4093	0	3707	357	4	4068	534	1	0	19	554	8715
Apprch %	3.4	94.9	1.4	0.3		0	91.1	8.8	0.1		96.4	0.2	0	3.4		
Total %	1.6	44.6	0.7	0.1	47	0	42.5	4.1	0	46.7	6.1	0	0	0.2	6.4	
Cars	138	3797	57	13	4005	0	3616	357	4	3977	499	1	0	19	519	8501
% Cars	100	97.7	100	100	97.8	0	97.5	100	100	97.8	93.4	100	0	100	93.7	97.5
Heavy Vehicles	0	88	0	0	88	0	90	0	0	90	3	0	0	0	3	181
% Heavy Vehicles	0	2.3	0	0	2.2	0	2.4	0	0	2.2	0.6	0	0	0	0.5	2.1
RTOR	0	0	0	0	0	0	1	0	0	1	32	0	0	0	32	33
% RTOR	0	0	0	0	0	0	0	0	0	0	6	0	0	0	5.8	0.4

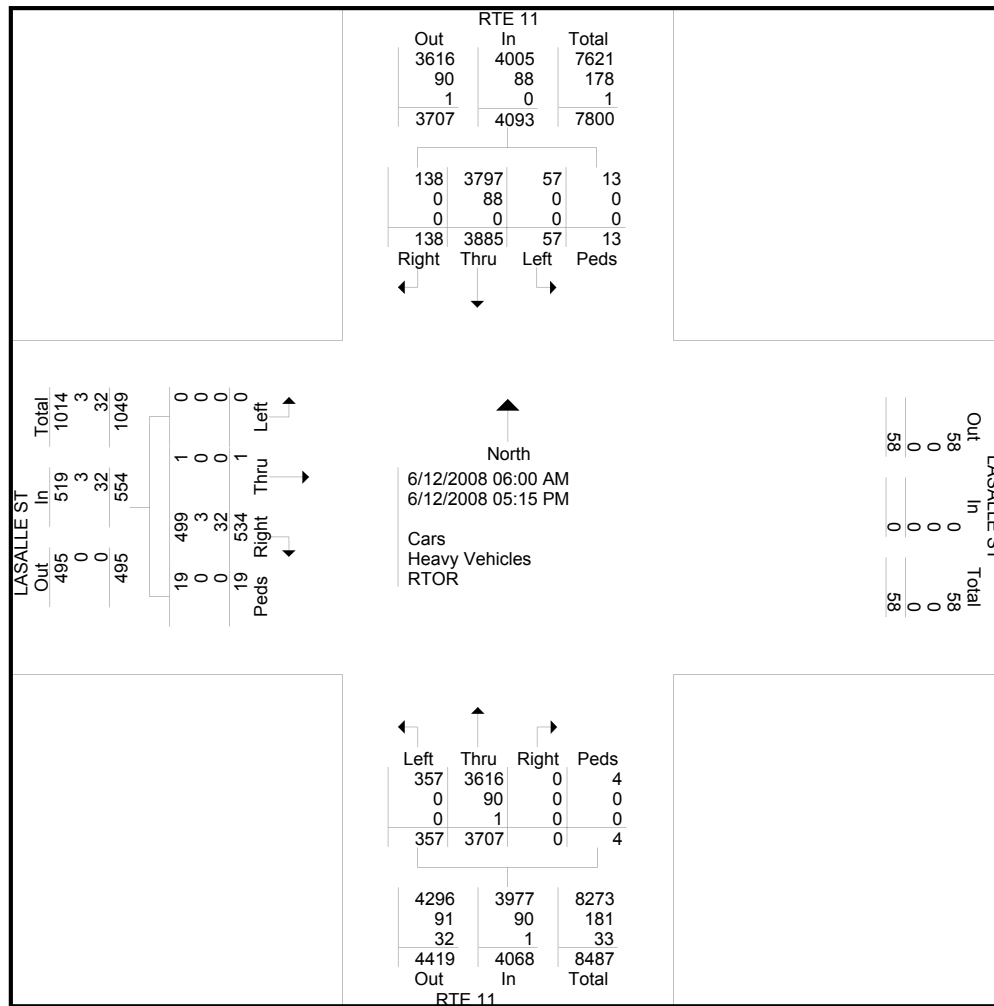
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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: US 11 / Lasalle St
Date: Thursday, June 12 2008
Tech. RZ

File Name : SM0612-4C
Site Code : 00000000
Start Date : 6/12/2008
Page No : 2



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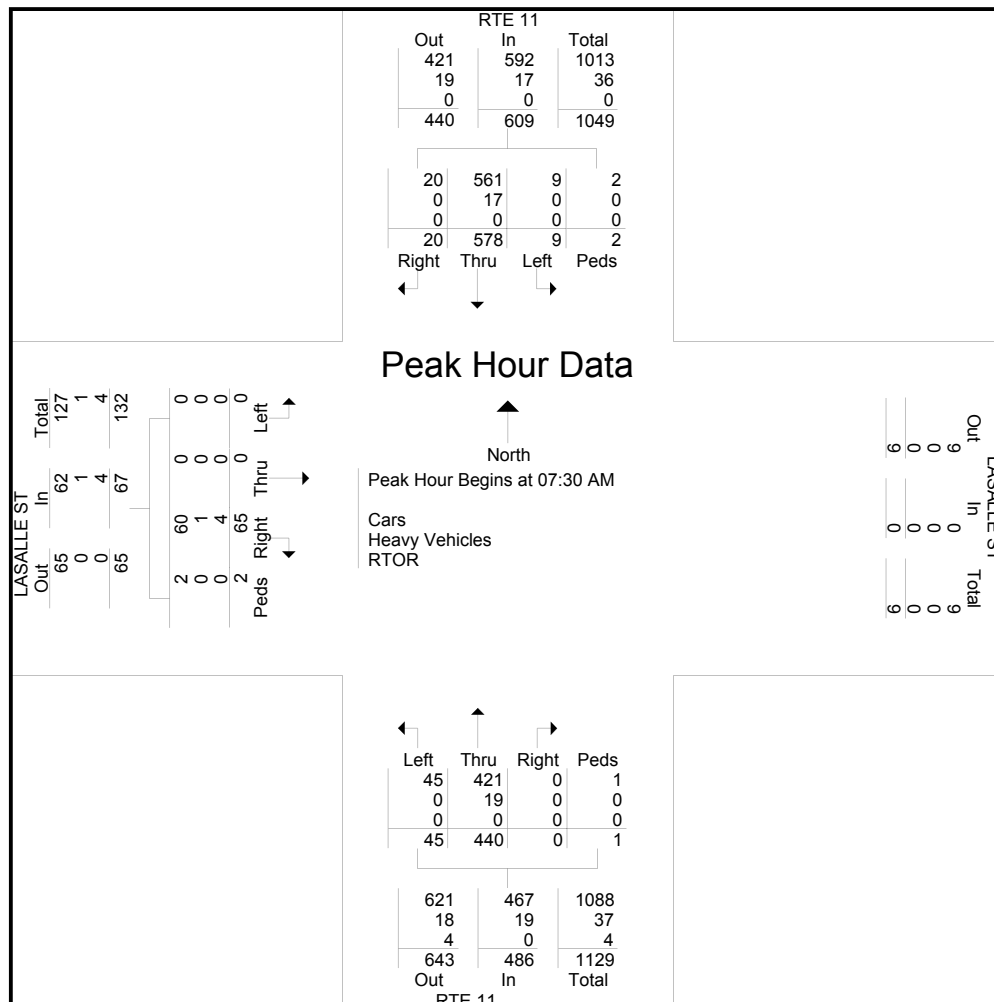
Tri-State Traffic Data, Inc.

610-466-1469
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Location: Columbia County, PA
Intersection: US 11 / Lasalle St
Date: Thursday, June 12 2008
Tech. RZ

File Name : SM0612-4C
Site Code : 00000000
Start Date : 6/12/2008
Page No : 3

	RTE 11 Southbound					RTE 11 Northbound					LASALLE ST Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 07:30 AM																
07:30 AM	3	149	2	0	154	0	96	11	0	107	20	0	0	0	20	281
07:45 AM	6	172	3	1	182	0	80	21	1	102	19	0	0	2	21	305
08:00 AM	9	117	2	1	129	0	126	9	0	135	11	0	0	0	11	275
08:15 AM	2	140	2	0	144	0	138	4	0	142	15	0	0	0	15	301
Total Volume	20	578	9	2	609	0	440	45	1	486	65	0	0	2	67	1162
% App. Total	3.3	94.9	1.5	0.3		0	90.5	9.3	0.2		97	0	0	3		
PHF	.556	.840	.750	.500	.837	.000	.797	.536	.250	.856	.813	.000	.000	.250	.798	.952
Cars	20	561	9	2	592	0	421	45	1	467	60	0	0	2	62	1121
% Cars	100	97.1	100	100	97.2	0	95.7	100	100	96.1	92.3	0	0	100	92.5	96.5
Heavy Vehicles	0	17	0	0	17	0	19	0	0	19	1	0	0	0	1	37
% Heavy Vehicles	0	2.9	0	0	2.8	0	4.3	0	0	3.9	1.5	0	0	0	1.5	3.2
RTOR	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	4
% RTOR	0	0	0	0	0	0	0	0	0	0	6.2	0	0	0	6.0	0.3



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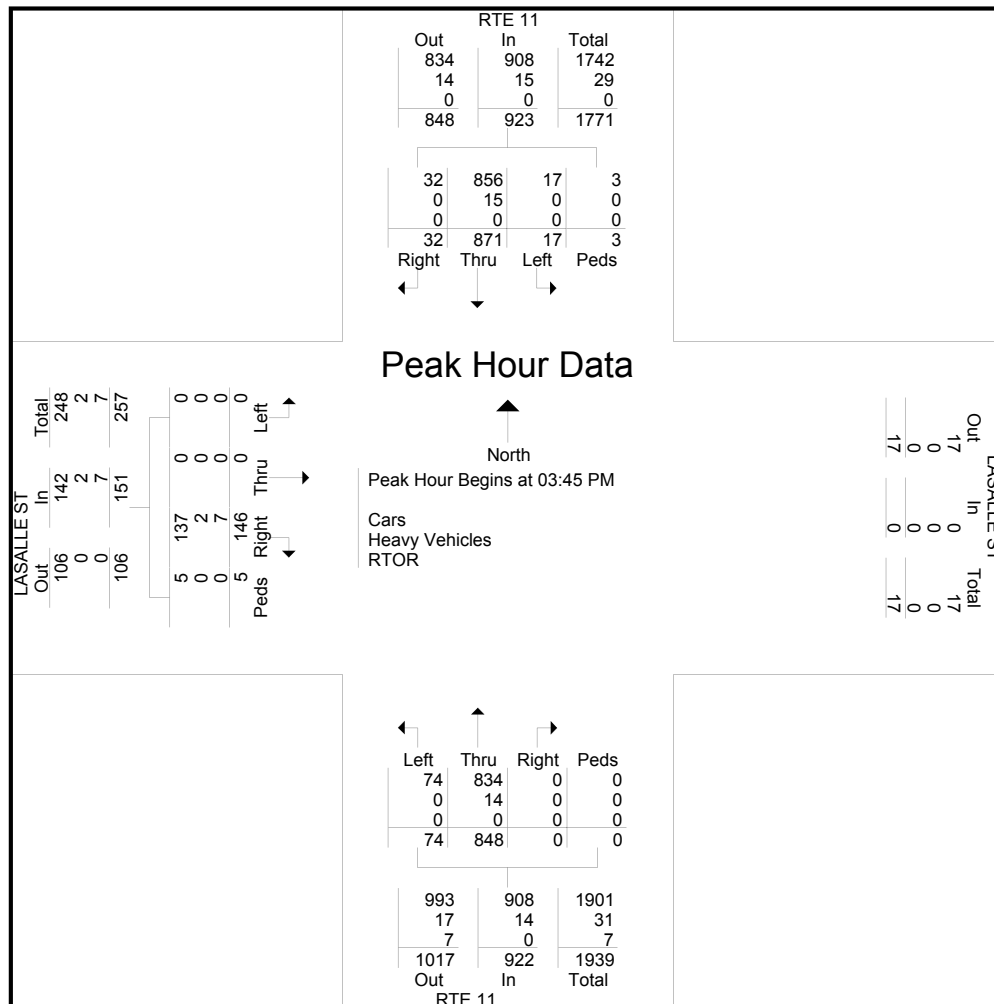
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: US 11 / Lasalle St
Date: Thursday, June 12 2008
Tech. RZ

File Name : SM0612-4C
Site Code : 00000000
Start Date : 6/12/2008
Page No : 4

	RTE 11 Southbound					RTE 11 Northbound					LASALLE ST Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:15 PM - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 03:45 PM																
03:45 PM	10	187	3	2	202	0	221	20	0	241	30	0	0	0	30	473
04:00 PM	8	224	1	0	233	0	210	16	0	226	39	0	0	2	41	500
04:15 PM	11	223	7	1	242	0	188	17	0	205	21	0	0	1	22	469
04:30 PM	3	237	6	0	246	0	229	21	0	250	56	0	0	2	58	554
Total Volume	32	871	17	3	923	0	848	74	0	922	146	0	0	5	151	1996
% App. Total	3.5	94.4	1.8	0.3		0	92	8	0		96.7	0	0	3.3		
PHF	.727	.919	.607	.375	.938	.000	.926	.881	.000	.922	.652	.000	.000	.625	.651	.901
Cars	32	856	17	3	908	0	834	74	0	908	137	0	0	5	142	1958
% Cars	100	98.3	100	100	98.4	0	98.3	100	0	98.5	93.8	0	0	100	94.0	98.1
Heavy Vehicles	0	15	0	0	15	0	14	0	0	14	2	0	0	0	2	31
% Heavy Vehicles	0	1.7	0	0	1.6	0	1.7	0	0	1.5	1.4	0	0	0	1.3	1.6
RTOR	0	0	0	0	0	0	0	0	0	0	7	0	0	0	7	7
% RTOR	0	0	0	0	0	0	0	0	0	0	4.8	0	0	0	4.6	0.4



Controlled Document

Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: US 11 / Oak Street
Date: Wednesday, April 14, 2010
Counter: pb

File Name : SM0414-4
Site Code : 00000000
Start Date : 4/14/2010
Page No : 1

Groups Printed- Cars - Heavy Vehicles - RTOR

	Second St Southbound					OAK STREET Westbound					Second St Northbound					OAK STREET Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 AM	3	61	0	1	65	0	2	1	0	3	0	0	0	0	0	3	4	0	0	7	75
06:15 AM	7	76	0	0	83	0	0	1	0	1	1	0	0	0	1	3	0	0	0	3	88
06:30 AM	9	102	1	0	112	0	4	1	0	5	0	0	0	1	1	3	9	0	1	13	131
06:45 AM	11	128	1	0	140	0	5	0	0	5	0	0	0	0	0	7	3	0	0	10	155
Total	30	367	2	1	400	0	11	3	0	14	1	0	0	1	2	16	16	0	1	33	449
07:00 AM	3	132	3	0	138	0	7	2	0	9	0	0	0	0	0	7	6	0	0	13	160
07:15 AM	3	159	5	0	167	0	3	1	0	4	0	0	0	0	0	9	5	0	0	14	185
07:30 AM	5	202	8	0	215	0	2	2	0	4	0	0	0	0	0	8	6	0	0	14	233
07:45 AM	6	199	7	1	213	0	6	0	0	6	0	0	0	0	0	8	8	0	0	16	235
Total	17	692	23	1	733	0	18	5	0	23	0	0	0	0	0	32	25	0	0	57	813
08:00 AM	6	135	4	0	145	0	10	1	0	11	0	0	0	0	0	9	5	0	0	14	170
08:15 AM	3	161	3	3	170	0	10	4	0	14	0	0	0	0	0	10	12	0	2	24	208
08:30 AM	5	179	4	0	188	0	14	1	0	15	0	0	0	0	0	18	5	0	0	23	226
08:45 AM	1	137	11	0	149	0	9	0	0	9	0	0	0	1	1	14	10	0	0	24	183
Total	15	612	22	3	652	0	43	6	0	49	0	0	0	1	1	51	32	0	2	85	787
*** BREAK ***																					
03:00 PM	1	222	8	1	232	0	12	6	0	18	0	0	0	2	2	23	8	0	2	33	285
03:15 PM	5	233	14	1	253	0	12	8	0	20	0	0	0	5	5	15	16	0	3	34	312
03:30 PM	3	225	12	0	240	0	16	4	0	20	0	0	0	1	1	15	22	0	0	37	298
03:45 PM	3	181	15	2	201	0	6	3	1	10	0	0	0	3	3	13	14	0	1	28	242
Total	12	861	49	4	926	0	46	21	1	68	0	0	0	11	11	66	60	0	6	132	1137
04:00 PM	4	195	6	1	206	0	18	8	0	26	0	0	0	0	0	15	10	0	0	25	257
04:15 PM	4	207	8	0	219	0	15	2	1	18	0	0	0	1	1	10	3	0	3	16	254
04:30 PM	3	213	12	3	231	0	7	1	2	10	0	0	0	0	0	14	12	0	4	30	271
04:45 PM	1	218	8	4	231	0	11	4	1	16	0	0	0	0	0	13	7	0	2	22	269
Total	12	833	34	8	887	0	51	15	4	70	0	0	0	1	1	52	32	0	9	93	1051
05:00 PM	3	239	10	2	254	0	11	1	0	12	0	0	0	0	0	15	10	0	0	25	291
05:15 PM	4	185	11	1	201	0	8	1	0	9	0	0	0	2	2	9	4	0	1	14	226
05:30 PM	2	190	7	0	199	0	4	0	0	4	0	0	0	1	1	8	6	0	0	14	218
05:45 PM	2	189	5	1	197	0	11	4	0	15	0	0	0	1	1	18	13	0	0	31	244
Total	11	803	33	4	851	0	34	6	0	40	0	0	0	4	4	50	33	0	1	84	979
Grand Total	97	4168	163	21	4449	0	203	56	5	264	1	0	0	18	19	267	198	0	19	484	5216
Apprch %	2.2	93.7	3.7	0.5		0	76.9	21.2	1.9		5.3	0	0	94.7		55.2	40.9	0	3.9		
Total %	1.9	79.9	3.1	0.4	85.3	0	3.9	1.1	0.1	5.1	0	0	0	0.3	0.4	5.1	3.8	0	0.4	9.3	
Cars	87	4065	162	21	4335	0	187	56	5	248	1	0	0	18	19	214	188	0	19	421	5023
% Cars	89.7	97.5	99.4	100	97.4	0	92.1	100	100	93.9	100	0	0	100	100	80.1	94.9	0	100	87	96.3
Heavy Vehicles	8	103	1	0	112	0	16	0	0	16	0	0	0	0	0	18	9	0	0	27	155
% Heavy Vehicles	8.2	2.5	0.6	0	2.5	0	7.9	0	0	6.1	0	0	0	0	0	6.7	4.5	0	0	5.6	3
RTOR	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	35	1	0	0	36	38
% RTOR	2.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13.1	0.5	0	0	7.4	0.7

610-466-1469
www.TSTData.com

File Name : SM0414-4
Site Code : 00000000
Start Date : 4/14/2010
Page No : 2

Second St

Out	In	Total
0	4335	4335
0	112	112
0	2	2
0	4449	4449

87	4065	162	21
8	103	1	0
2	0	0	0
97	4168	163	21
Right	Thru	Left	Peds

North

4/14/2010 06:00 AM
4/14/2010 05:45 PM

Cars
Heavy Vehicles
RTOR

Out	In	Total
351	248	599
10	16	26
1	0	1
362	264	626

0	187	56	5
0	16	0	0
0	0	0	0
0	203	56	5
Right	Thru	Left	Peds

OAK STREET

Out	In	Total
274	421	695
24	27	51
2	36	38
300	484	784

19	214	188	0
0	18	9	0
0	35	1	0
19	267	198	0
Peds	Right	Thru	Left

Left	Thru	Right	Peds
0	0	1	18
0	0	0	0
0	0	0	0
0	0	1	18

4335	19	4354
121	0	121
35	0	35
4491	19	4510
Out	In	Total

Second St

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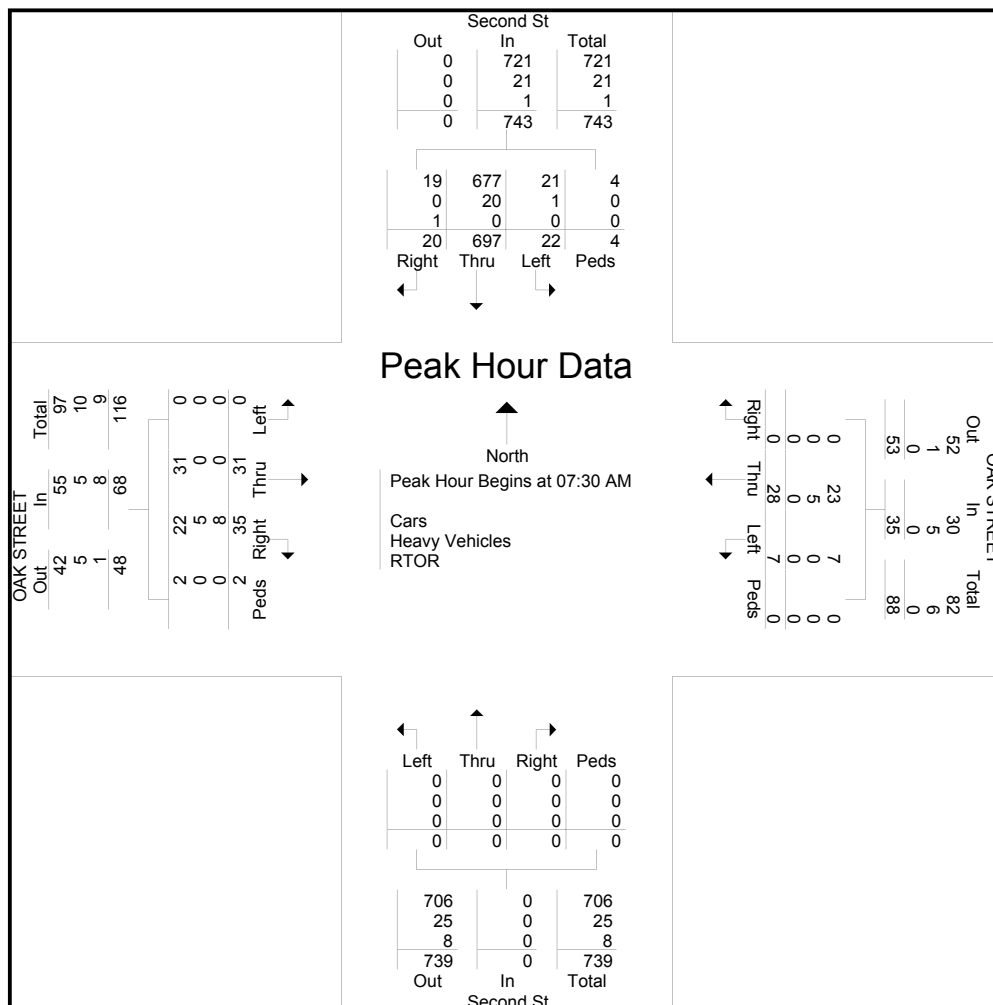
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: US 11 / Oak Street
Date: Wednesday, April 14, 2010
Counter: pb

File Name : SM0414-4
Site Code : 00000000
Start Date : 4/14/2010
Page No : 3

	Second St Southbound					OAK STREET Westbound					Second St Northbound					OAK STREET Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	5	202	8	0	215	0	2	2	0	4	0	0	0	0	0	8	6	0	0	14	233
07:45 AM	6	199	7	1	213	0	6	0	0	6	0	0	0	0	0	8	8	0	0	16	235
08:00 AM	6	135	4	0	145	0	10	1	0	11	0	0	0	0	0	9	5	0	0	14	170
08:15 AM	3	161	3	3	170	0	10	4	0	14	0	0	0	0	0	10	12	0	2	24	208
Total Volume	20	697	22	4	743	0	28	7	0	35	0	0	0	0	0	35	31	0	2	68	846
% App. Total	2.7	93.8	3	0.5		0	80	20	0		0	0	0	0	0	51.5	45.6	0	2.9		
PHF	.833	.863	.688	.333	.864	.000	.700	.438	.000	.625	.000	.000	.000	.000	.000	.875	.646	.000	.250	.708	.900
Cars	19	677	21	4	721	0	23	7	0	30	0	0	0	0	0	22	31	0	2	55	806
% Cars	95.0	97.1	95.5	100	97.0	0	82.1	100	0	85.7	0	0	0	0	0	62.9	100	0	100	80.9	95.3
Heavy Vehicles																					
% Heavy Vehicles	0	2.9	4.5	0	2.8	0	17.9	0	0	14.3	0	0	0	0	0	14.3	0	0	0	7.4	3.7
RTOR	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	8	0	0	0	8	9
% RTOR	5.0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	22.9	0	0	0	11.8	1.1



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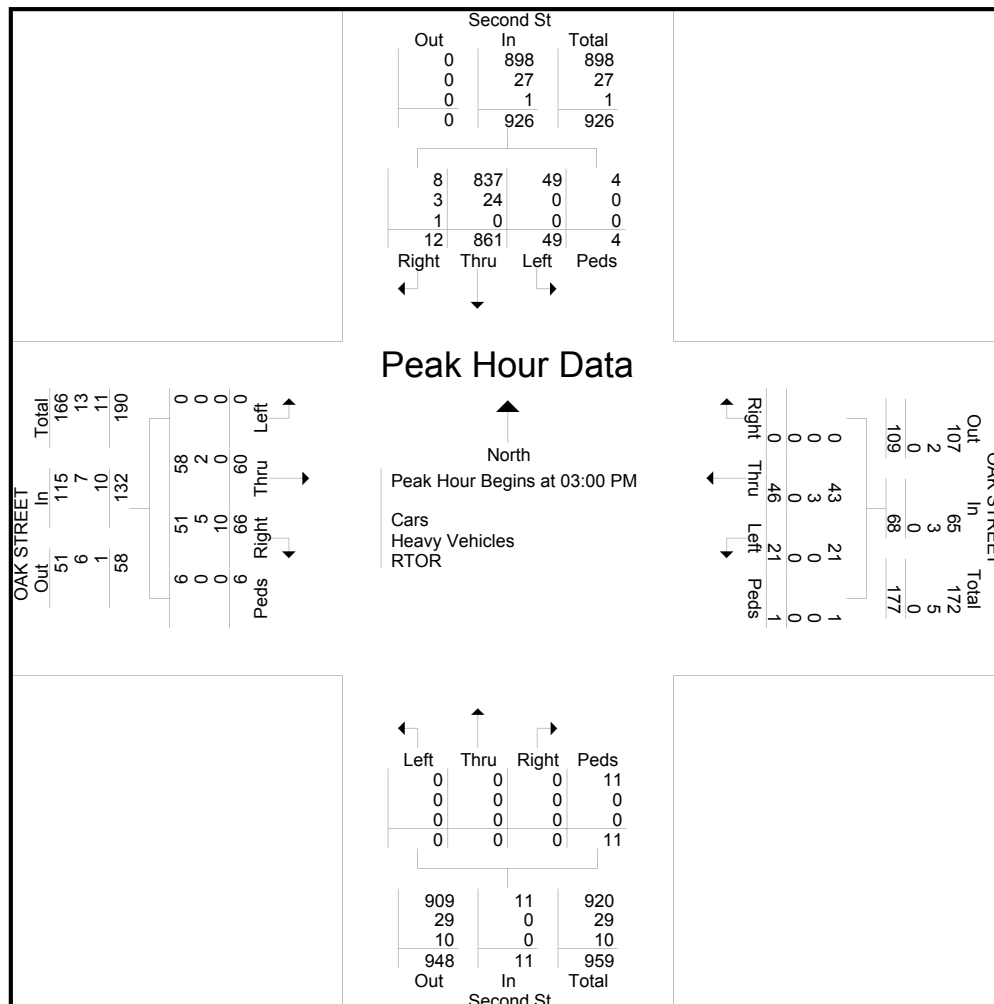
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: US 11 / Oak Street
Date: Wednesday, April 14, 2010
Counter: pb

File Name : SM0414-4
Site Code : 00000000
Start Date : 4/14/2010
Page No : 4

	Second St Southbound					OAK STREET Westbound					Second St Northbound					OAK STREET Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 03:00 PM																					
03:00 PM	1	222	8	1	232	0	12	6	0	18	0	0	0	2	2	23	8	0	2	33	285
03:15 PM	5	233	14	1	253	0	12	8	0	20	0	0	0	5	5	15	16	0	3	34	312
03:30 PM	3	225	12	0	240	0	16	4	0	20	0	0	0	1	1	15	22	0	0	37	298
03:45 PM	3	181	15	2	201	0	6	3	1	10	0	0	0	3	3	13	14	0	1	28	242
Total Volume	12	861	49	4	926	0	46	21	1	68	0	0	0	11	11	66	60	0	6	132	1137
% App. Total	1.3	93	5.3	0.4		0	67.6	30.9	1.5		0	0	0	100		50	45.5	0	4.5		
PHF	.600	.924	.817	.500	.915	.000	.719	.656	.250	.850	.000	.000	.000	.550	.550	.717	.682	.000	.500	.892	.911
Cars	8	837	49	4	898	0	43	21	1	65	0	0	0	11	11	51	58	0	6	115	1089
% Cars	66.7	97.2	100	100	97.0	0	93.5	100	100	95.6	0	0	0	100	100	77.3	96.7	0	100	87.1	95.8
Heavy Vehicles																					
% Heavy Vehicles	25.0	2.8	0	0	2.9	0	6.5	0	0	4.4	0	0	0	0	0	7.6	3.3	0	0	5.3	3.3
RTOR	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	11
% RTOR	8.3	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	15.2	0	0	0	7.6	1.0



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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: Front / Mulberry
Date: Thursday, April 15, 2010
Counter: ET

File Name : SM0415-6
Site Code : 00000000
Start Date : 4/15/2010
Page No : 1

Groups Printed- Cars - Heavy Vehicles - RTOR

	Front Street Southbound					Mulberry Street Westbound					Front Street Northbound					Mulberry Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 AM	0	0	0	0	0	0	0	0	0	0	3	88	0	0	91	0	0	0	0	0	91
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	106	0	0	106	0	0	0	1	1	107
06:30 AM	0	0	0	0	0	0	0	0	0	0	1	114	0	0	115	0	0	0	0	0	115
06:45 AM	0	0	0	0	0	3	0	0	0	3	0	122	0	0	122	0	0	0	2	2	127
Total	0	0	0	0	0	3	0	0	0	3	4	430	0	0	434	0	0	0	3	3	440
07:00 AM	0	0	0	0	0	1	0	0	1	2	2	127	0	0	129	0	0	1	0	1	132
07:15 AM	0	0	0	1	1	0	1	0	0	1	3	152	6	0	161	0	0	4	2	6	169
07:30 AM	0	0	0	1	1	2	3	0	1	6	5	134	7	0	146	0	0	7	1	8	161
07:45 AM	0	0	0	0	0	1	2	0	0	3	6	121	9	0	136	0	1	4	2	7	146
Total	0	0	0	2	2	4	6	0	2	12	16	534	22	0	572	0	1	16	5	22	608
08:00 AM	0	0	0	0	0	1	1	0	0	2	1	111	12	0	124	0	0	2	0	2	128
08:15 AM	0	0	0	0	0	0	4	0	0	4	7	138	15	0	160	0	1	8	0	9	173
08:30 AM	0	0	0	0	0	0	3	0	0	3	5	116	19	0	140	0	1	6	1	8	151
08:45 AM	0	0	0	0	0	3	3	0	0	6	11	132	12	0	155	0	4	5	0	9	170
Total	0	0	0	0	0	4	11	0	0	15	24	497	58	0	579	0	6	21	1	28	622
*** BREAK ***																					
03:00 PM	0	0	0	1	1	6	4	0	5	15	3	173	20	1	197	0	4	12	3	19	232
03:15 PM	0	0	0	0	0	2	6	1	2	11	4	212	25	0	241	0	3	21	4	28	280
03:30 PM	0	0	0	0	0	4	6	0	1	11	7	217	19	0	243	1	3	5	7	16	270
03:45 PM	0	0	0	0	0	1	1	0	8	10	5	189	20	1	215	0	5	17	13	35	260
Total	0	0	0	1	1	13	17	1	16	47	19	791	84	2	896	1	15	55	27	98	1042
04:00 PM	0	0	0	0	0	6	8	0	1	15	11	218	20	1	250	0	3	12	11	26	291
04:15 PM	0	0	0	0	0	2	3	0	6	11	12	172	21	5	210	0	1	8	5	14	235
04:30 PM	0	0	0	0	0	3	6	0	2	11	6	175	19	0	200	0	5	9	4	18	229
04:45 PM	0	0	0	0	0	2	12	0	3	17	15	166	17	0	198	0	4	5	5	14	229
Total	0	0	0	0	0	13	29	0	12	54	44	731	77	6	858	0	13	34	25	72	984
05:00 PM	0	0	0	0	0	6	10	0	2	18	8	194	19	0	221	0	2	10	7	19	258
05:15 PM	0	0	0	0	0	0	8	0	1	9	9	208	19	0	236	0	6	7	7	20	265
05:30 PM	0	0	0	0	0	0	7	0	2	9	17	192	30	0	239	0	6	10	2	18	266
05:45 PM	0	0	0	0	0	6	9	0	1	16	13	181	15	0	209	0	5	8	13	26	251
Total	0	0	0	0	0	12	34	0	6	52	47	775	83	0	905	0	19	35	29	83	1040
Grand Total	0	0	0	3	3	49	97	1	36	183	154	3758	324	8	4244	1	54	161	90	306	4736
Apprch %	0	0	0	100		26.8	53	0.5	19.7		3.6	88.5	7.6	0.2		0.3	17.6	52.6	29.4		
Total %	0	0	0	0.1	0.1	1	2	0	0.8	3.9	3.3	79.3	6.8	0.2	89.6	0	1.1	3.4	1.9	6.5	
Cars	0	0	0	3	3	36	96	1	36	169	150	3676	321	8	4155	1	53	159	90	303	4630
% Cars	0	0	0	100	100	73.5	99	100	100	92.3	97.4	97.8	99.1	100	97.9	100	98.1	98.8	100	99	97.8
Heavy Vehicles	0	0	0	0	0	0	1	0	0	1	0	82	3	0	85	0	1	0	0	1	87
% Heavy Vehicles	0	0	0	0	0	0	1	0	0	0.5	0	2.2	0.9	0	2	0	1.9	0	0	0.3	1.8
RTOR	0	0	0	0	0	13	0	0	0	13	4	0	0	0	4	0	0	2	0	2	19
% RTOR	0	0	0	0	0	26.5	0	0	0	7.1	2.6	0	0	0	0.1	0	0	1.2	0	0.7	0.4

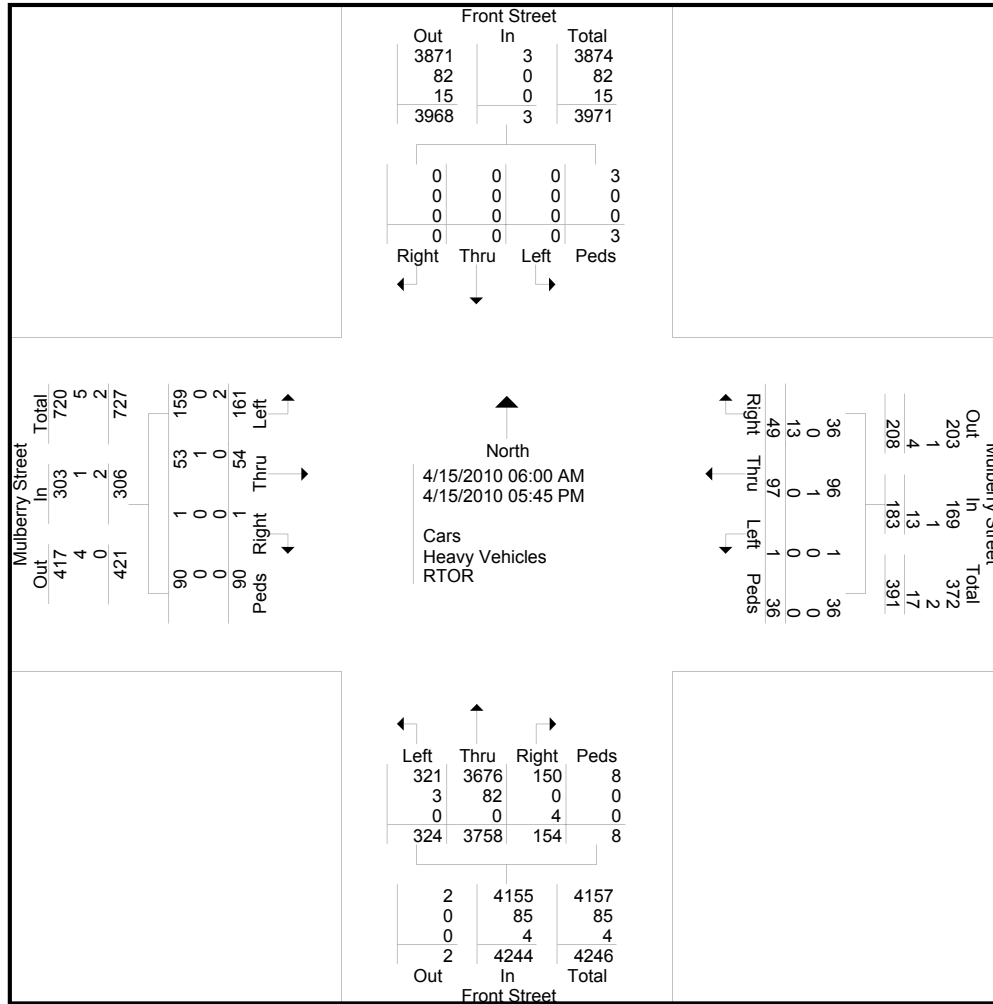
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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: Front / Mulberry
Date: Thursday, April 15, 2010
Counter: ET

File Name : SM0415-6
Site Code : 00000000
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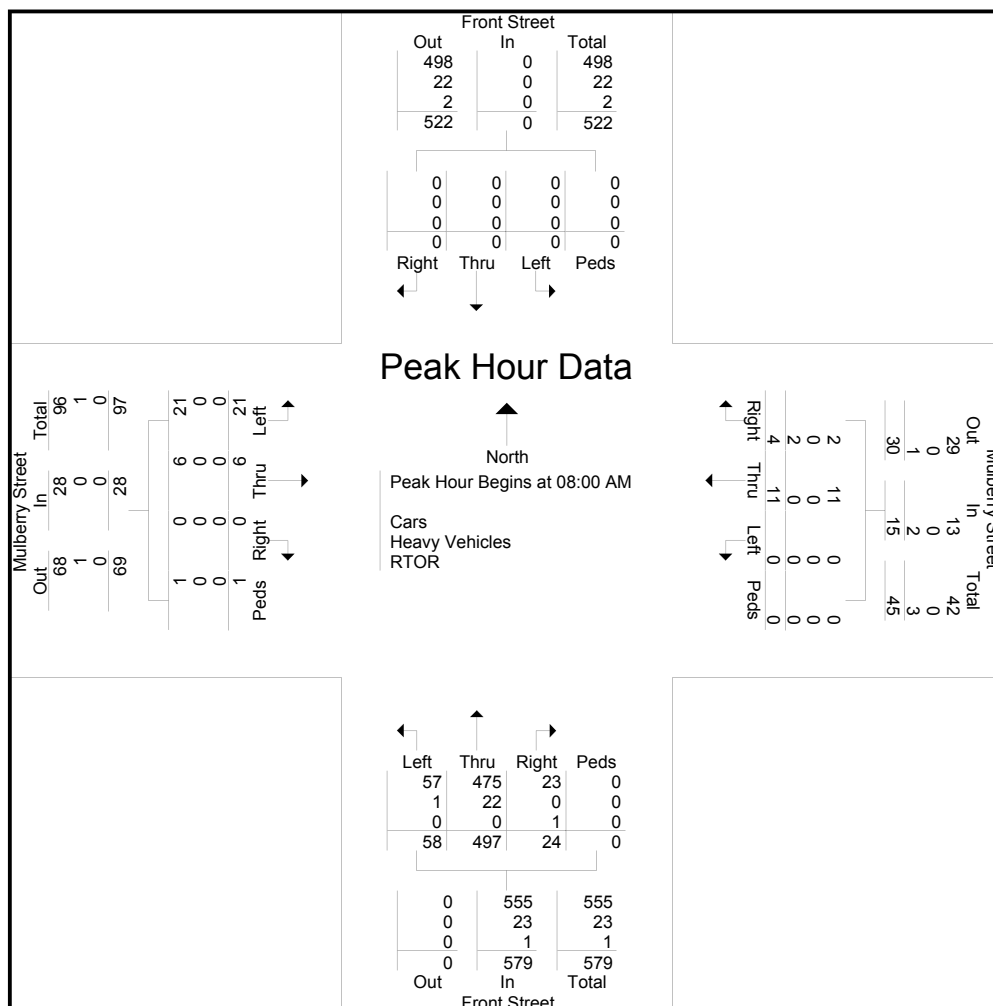
Tri-State Traffic Data, Inc.

610-466-1469
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Location: Columbia County, PA
Intersection: Front / Mulberry
Date: Thursday, April 15, 2010
Counter: ET

File Name : SM0415-6
Site Code : 00000000
Start Date : 4/15/2010
Page No : 3

	Front Street Southbound					Mulberry Street Westbound					Front Street Northbound					Mulberry Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 08:00 AM																					
08:00 AM	0	0	0	0	0	1	1	0	0	2	1	111	12	0	124	0	0	2	0	2	128
08:15 AM	0	0	0	0	0	0	4	0	0	4	7	138	15	0	160	0	1	8	0	9	173
08:30 AM	0	0	0	0	0	0	3	0	0	3	5	116	19	0	140	0	1	6	1	8	151
08:45 AM	0	0	0	0	0	3	3	0	0	6	11	132	12	0	155	0	4	5	0	9	170
Total Volume	0	0	0	0	0	4	11	0	0	15	24	497	58	0	579	0	6	21	1	28	622
% App. Total	0	0	0	0	0	26.7	73.3	0	0	0	4.1	85.8	10	0	0	0	21.4	75	3.6	0	0
PHF	.000	.000	.000	.000	.000	.333	.688	.000	.000	.625	.545	.900	.763	.000	.905	.000	.375	.656	.250	.778	.899
Cars	0	0	0	0	0	2	11	0	0	13	23	475	57	0	555	0	6	21	1	28	596
% Cars	0	0	0	0	0	50.0	100	0	0	86.7	95.8	95.6	98.3	0	95.9	0	100	100	100	100	95.8
Heavy Vehicles																					
% Heavy Vehicles	0	0	0	0	0	0	0	0	0	0	0	4.4	1.7	0	4.0	0	0	0	0	0	3.7
RTOR	0	0	0	0	0	2	0	0	0	2	1	0	0	0	1	0	0	0	0	0	3
% RTOR	0	0	0	0	0	50.0	0	0	0	13.3	4.2	0	0	0	0.2	0	0	0	0	0	0.5



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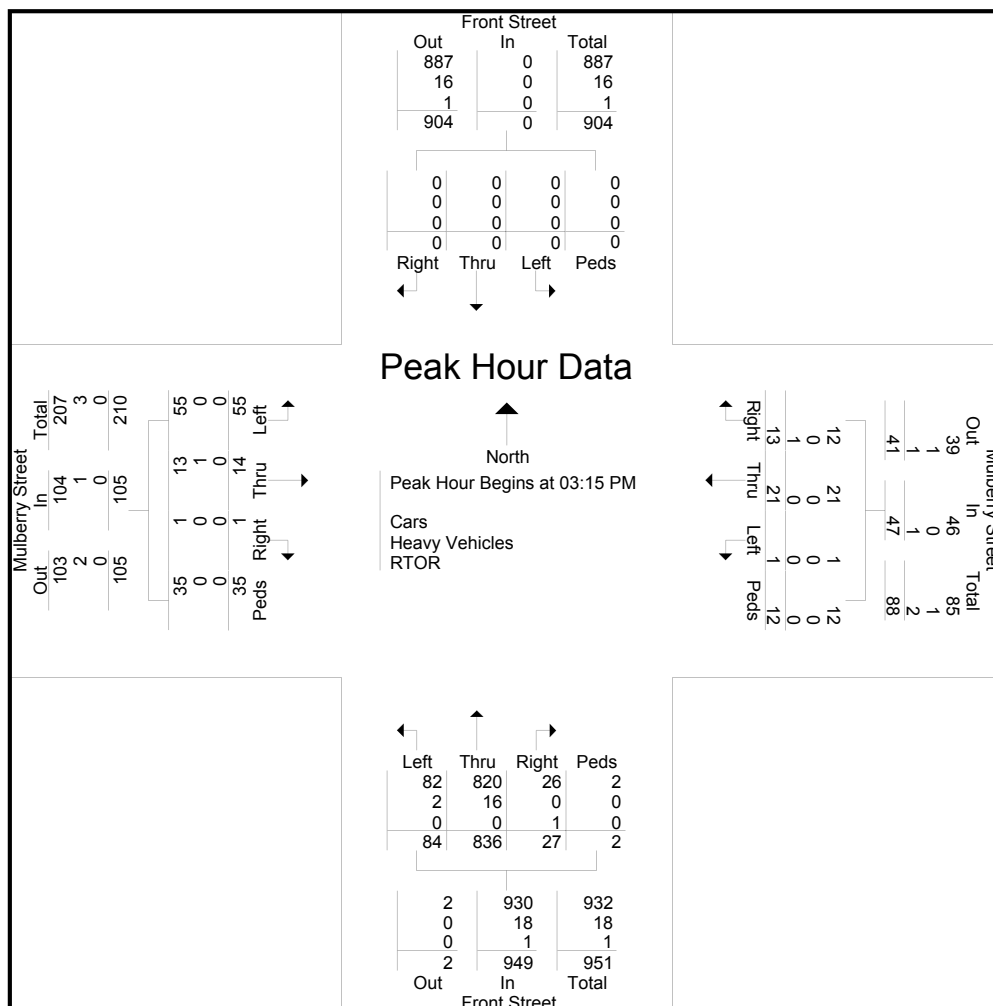
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: Front / Mulberry
Date: Thursday, April 15, 2010
Counter: ET

File Name : SM0415-6
Site Code : 00000000
Start Date : 4/15/2010
Page No : 4

	Front Street Southbound					Mulberry Street Westbound					Front Street Northbound					Mulberry Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 03:15 PM																					
03:15 PM	0	0	0	0	0	2	6	1	2	11	4	212	25	0	241	0	3	21	4	28	280
03:30 PM	0	0	0	0	0	4	6	0	1	11	7	217	19	0	243	1	3	5	7	16	270
03:45 PM	0	0	0	0	0	1	1	0	8	10	5	189	20	1	215	0	5	17	13	35	260
04:00 PM	0	0	0	0	0	6	8	0	1	15	11	218	20	1	250	0	3	12	11	26	291
Total Volume	0	0	0	0	0	13	21	1	12	47	27	836	84	2	949	1	14	55	35	105	1101
% App. Total	0	0	0	0	0	27.7	44.7	2.1	25.5		2.8	88.1	8.9	0.2		1	13.3	52.4	33.3		
PHF	.000	.000	.000	.000	.000	.542	.656	.250	.375	.783	.614	.959	.840	.500	.949	.250	.700	.655	.673	.750	.946
Cars	0	0	0	0	0	12	21	1	12	46	26	820	82	2	930	1	13	55	35	104	1080
% Cars	0	0	0	0	0	92.3	100	100	100	97.9	96.3	98.1	97.6	100	98.0	100	92.9	100	100	99.0	98.1
Heavy Vehicles																					
% Heavy Vehicles	0	0	0	0	0	0	0	0	0	0	0	1.9	2.4	0	1.9	0	7.1	0	0	1.0	1.7
RTOR	0	0	0	0	0	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0	2
% RTOR	0	0	0	0	0	7.7	0	0	0	2.1	3.7	0	0	0	0.1	0	0	0	0	0	0.2



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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: 2nd / Mulberry
Date: Thursday, April 15, 2010
Counter: JT

File Name : SM0415-5
Site Code : 00000000
Start Date : 4/15/2010
Page No : 1

Groups Printed- Cars - Heavy Vehicles - RTOR

	2nd Street Southbound					Mulberry Street Westbound					2nd Street Northbound					Mulberry Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 AM	0	68	0	1	69	0	0	0	0	0	0	0	0	0	0	7	0	0	0	7	76
06:15 AM	3	79	0	0	82	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	86
06:30 AM	3	126	0	2	131	0	0	0	0	0	0	0	0	0	0	6	0	0	0	6	137
06:45 AM	2	140	0	3	145	0	0	0	0	0	0	0	0	0	0	4	0	0	1	5	150
Total	8	413	0	6	427	0	0	0	0	0	0	0	0	0	0	21	0	0	1	22	449
07:00 AM	2	156	1	1	160	0	0	0	0	0	0	0	0	0	0	7	0	0	0	7	167
07:15 AM	3	158	2	0	163	0	5	2	0	7	0	0	0	0	0	5	2	0	0	7	177
07:30 AM	3	230	6	0	239	0	6	5	0	11	0	0	0	0	0	15	3	0	0	18	268
07:45 AM	4	192	1	2	199	0	5	4	0	9	0	0	0	0	0	7	6	0	0	13	221
Total	12	736	10	3	761	0	16	11	0	27	0	0	0	0	0	34	11	0	0	45	833
08:00 AM	5	143	1	0	149	0	12	3	0	15	0	0	0	0	0	12	3	0	0	15	179
08:15 AM	8	149	8	0	165	0	12	4	0	16	0	0	0	0	0	19	4	0	0	23	204
08:30 AM	12	147	6	1	166	0	17	6	1	24	0	0	0	0	0	13	7	0	0	20	210
08:45 AM	8	160	3	0	171	0	11	2	0	13	0	0	0	0	0	19	8	0	0	27	211
Total	33	599	18	1	651	0	52	15	1	68	0	0	0	0	0	63	22	0	0	85	804
*** BREAK ***																					
03:00 PM	11	200	9	2	222	0	15	5	2	22	0	0	0	4	4	14	14	0	1	29	277
03:15 PM	9	220	18	2	249	0	20	13	2	35	0	0	0	0	0	18	17	0	5	40	324
03:30 PM	8	213	12	1	234	0	22	5	1	28	0	0	0	3	3	13	7	0	2	22	287
03:45 PM	12	202	17	0	231	0	14	3	3	20	0	0	0	0	0	7	7	0	1	15	266
Total	40	835	56	5	936	0	71	26	8	105	0	0	0	7	7	52	45	0	9	106	1154
04:00 PM	11	192	10	5	218	0	18	12	0	30	0	0	0	4	4	18	6	0	2	26	278
04:15 PM	11	220	8	0	239	0	18	6	2	26	0	0	0	8	8	15	5	0	6	26	299
04:30 PM	15	210	8	1	234	0	18	6	3	27	0	0	0	2	2	14	6	0	3	23	286
04:45 PM	8	195	5	3	211	0	17	10	4	31	0	0	0	5	5	13	5	0	1	19	266
Total	45	817	31	9	902	0	71	34	9	114	0	0	0	19	19	60	22	0	12	94	1129
05:00 PM	11	220	7	0	238	0	19	12	0	31	0	0	0	2	2	25	9	0	0	34	305
05:15 PM	3	204	9	1	217	0	17	12	4	33	0	0	0	0	0	17	4	0	0	21	271
05:30 PM	3	204	11	0	218	0	27	8	0	35	0	0	0	0	0	19	6	0	2	27	280
05:45 PM	6	181	8	1	196	0	13	12	1	26	0	0	0	3	3	16	6	0	3	25	250
Total	23	809	35	2	869	0	76	44	5	125	0	0	0	5	5	77	25	0	5	107	1106
Grand Total	161	4209	150	26	4546	0	286	130	23	439	0	0	0	31	31	307	125	0	27	459	5475
Apprch %	3.5	92.6	3.3	0.6		0	65.1	29.6	5.2		0	0	0	100		66.9	27.2	0	5.9		
Total %	2.9	76.9	2.7	0.5	83	0	5.2	2.4	0.4	8	0	0	0	0.6	0.6	5.6	2.3	0	0.5	8.4	
Cars	159	4137	150	26	4472	0	285	128	23	436	0	0	0	31	31	247	124	0	26	397	5336
% Cars	98.8	98.3	100	100	98.4	0	99.7	98.5	100	99.3	0	0	0	100	100	80.5	99.2	0	96.3	86.5	97.5
Heavy Vehicles	0	72	0	0	72	0	1	2	0	3	0	0	0	0	0	1	1	0	0	2	77
% Heavy Vehicles	0	1.7	0	0	1.6	0	0.3	1.5	0	0.7	0	0	0	0	0	0.3	0.8	0	0	0.4	1.4
RTOR	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	59	0	0	1	60	62
% RTOR	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.2	0	0	3.7	13.1	1.1

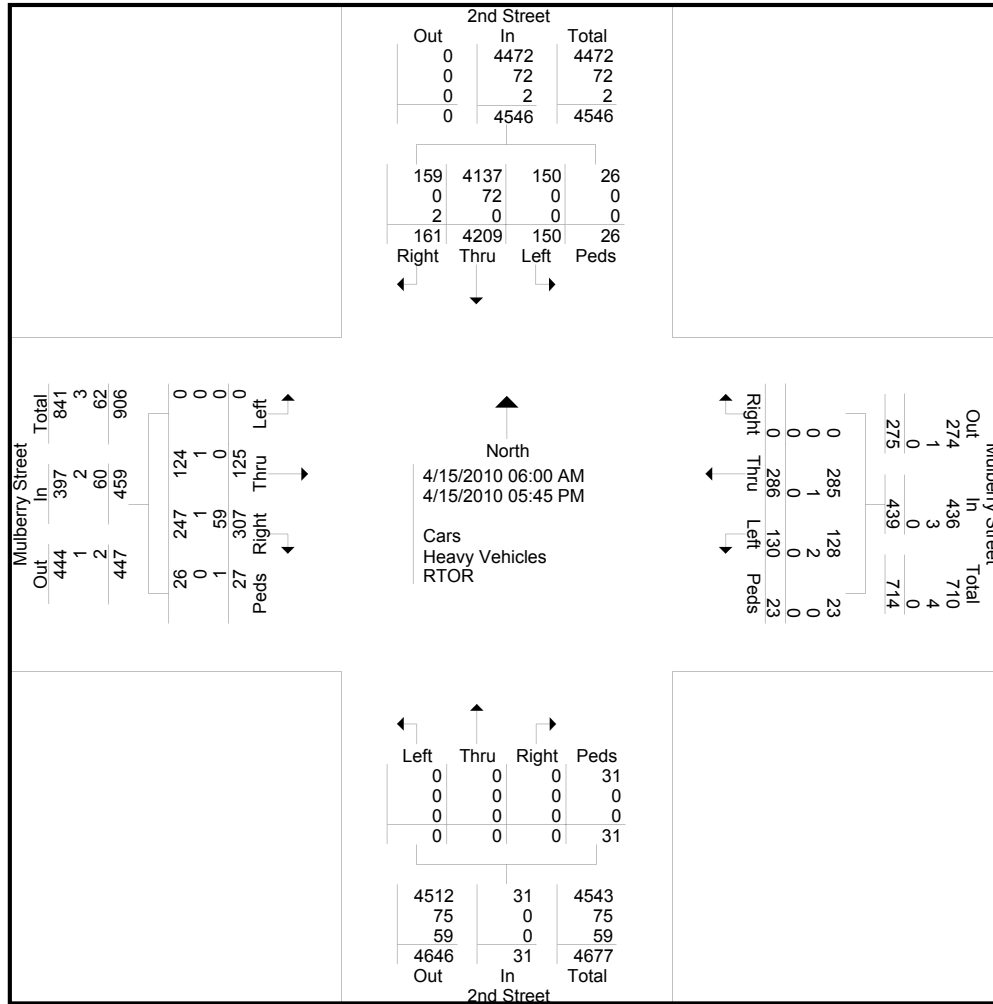
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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: 2nd / Mulberry
Date: Thursday, April 15, 2010
Counter: JT

File Name : SM0415-5
Site Code : 00000000
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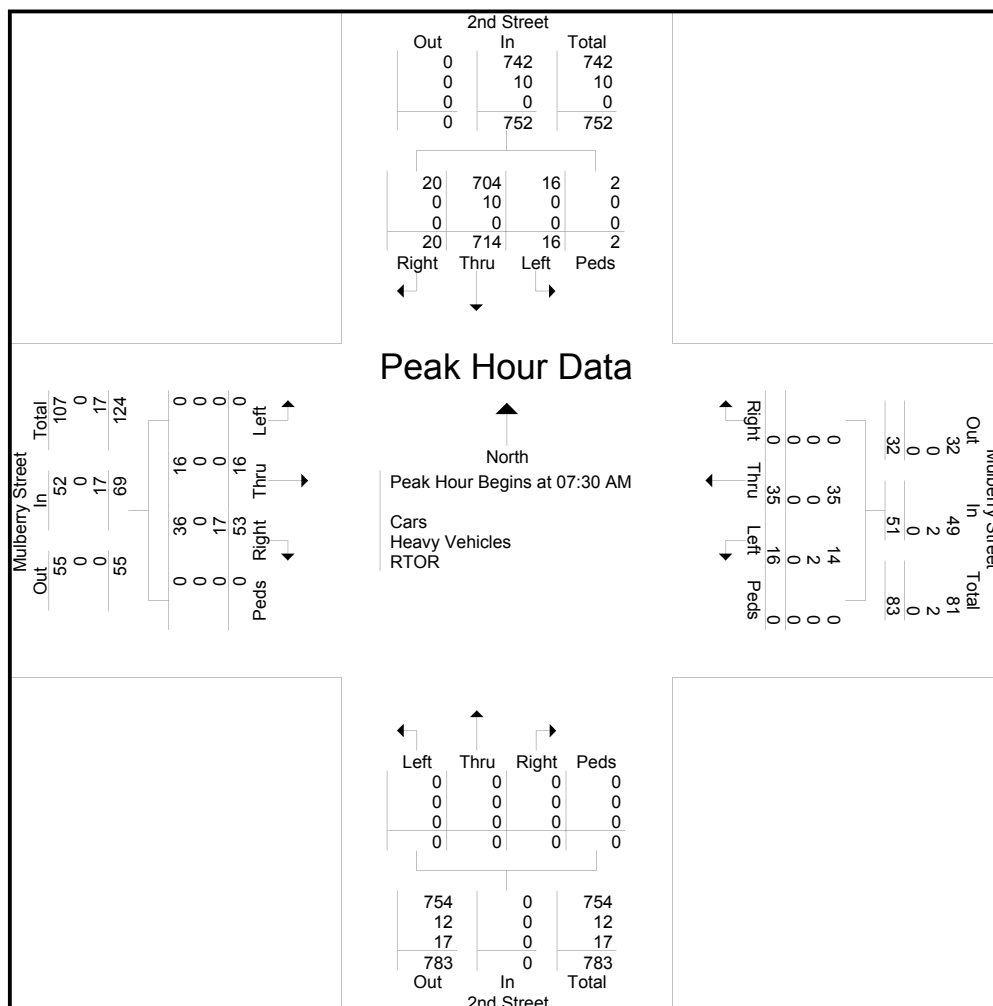
Tri-State Traffic Data, Inc.

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Location: Columbia County, PA
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Counter: JT

File Name : SM0415-5
Site Code : 00000000
Start Date : 4/15/2010
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	2nd Street Southbound					Mulberry Street Westbound					2nd Street Northbound					Mulberry Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	3	230	6	0	239	0	6	5	0	11	0	0	0	0	0	15	3	0	0	18	268
07:45 AM	4	192	1	2	199	0	5	4	0	9	0	0	0	0	0	7	6	0	0	13	221
08:00 AM	5	143	1	0	149	0	12	3	0	15	0	0	0	0	0	12	3	0	0	15	179
08:15 AM	8	149	8	0	165	0	12	4	0	16	0	0	0	0	0	19	4	0	0	23	204
Total Volume	20	714	16	2	752	0	35	16	0	51	0	0	0	0	0	53	16	0	0	69	872
% App. Total	2.7	94.9	2.1	0.3		0	68.6	31.4	0		0	0	0	0	0	76.8	23.2	0	0		
PHF	.625	.776	.500	.250	.787	.000	.729	.800	.000	.797	.000	.000	.000	.000	.000	.697	.667	.000	.000	.750	.813
Cars	20	704	16	2	742	0	35	14	0	49	0	0	0	0	0	36	16	0	0	52	843
% Cars	100	98.6	100	100	98.7	0	100	87.5	0	96.1	0	0	0	0	0	67.9	100	0	0	75.4	96.7
Heavy Vehicles																					
% Heavy Vehicles	0	1.4	0	0	1.3	0	0	12.5	0	3.9	0	0	0	0	0	0	0	0	0	0	1.4
RTOR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	17	17
% RTOR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32.1	0	0	0	24.6	1.9



Tri-State Traffic Data, Inc.

610-466-1469

www.TSTData.com

Location: Columbia County, PA

Intersection: 2nd / Mulberry

Date: Thursday, April 15, 2010

Counter: JT

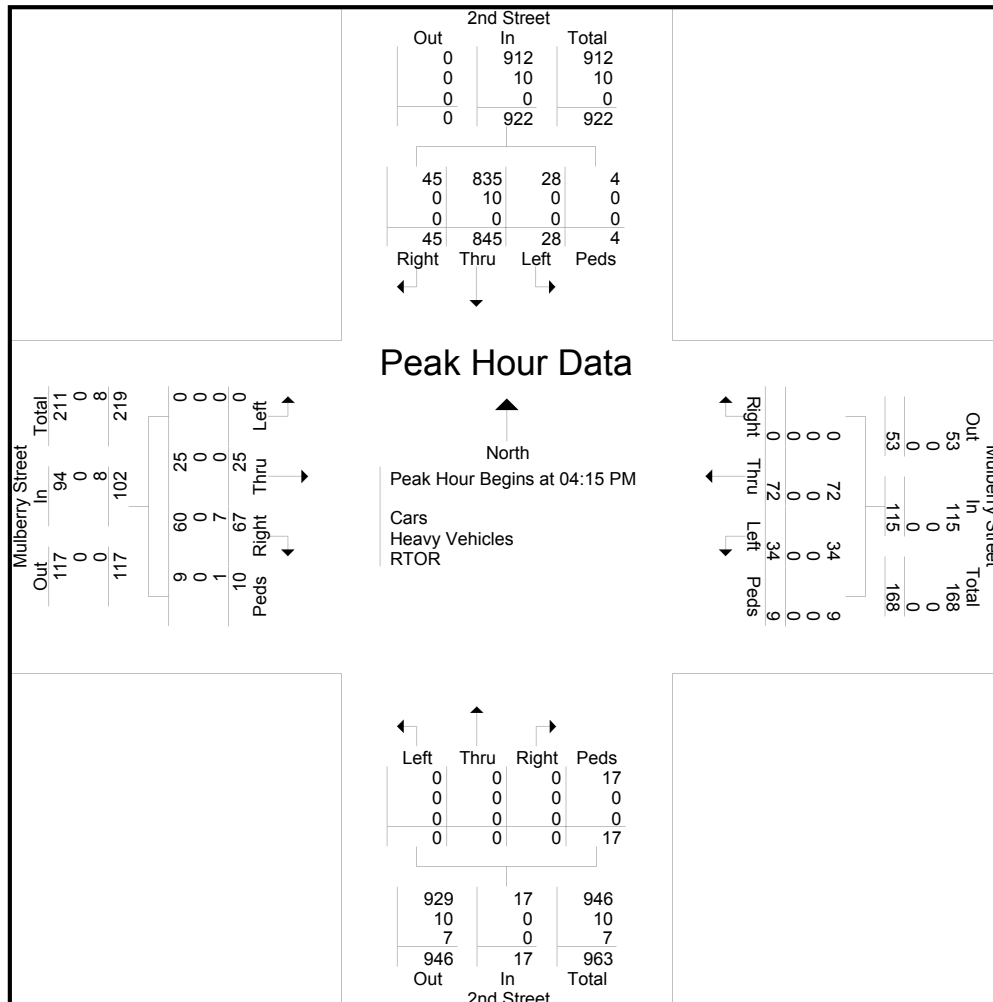
File Name : SM0415-5

Site Code : 00000000

Start Date : 4/15/2010

Page No : 4

	2nd Street Southbound					Mulberry Street Westbound					2nd Street Northbound					Mulberry Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:15 PM																					
04:15 PM	11	220	8	0	239	0	18	6	2	26	0	0	0	8	8	15	5	0	6	26	299
04:30 PM	15	210	8	1	234	0	18	6	3	27	0	0	0	2	2	14	6	0	3	23	286
04:45 PM	8	195	5	3	211	0	17	10	4	31	0	0	0	5	5	13	5	0	1	19	266
05:00 PM	11	220	7	0	238	0	19	12	0	31	0	0	0	2	2	25	9	0	0	34	305
Total Volume	45	845	28	4	922	0	72	34	9	115	0	0	0	17	17	67	25	0	10	102	1156
% App. Total	4.9	91.6	3	0.4		0	62.6	29.6	7.8		0	0	0	100		65.7	24.5	0	9.8		
PHF	.750	.960	.875	.333	.964	.000	.947	.708	.563	.927	.000	.000	.000	.531	.531	.670	.694	.000	.417	.750	.948
Cars	45	835	28	4	912	0	72	34	9	115	0	0	0	17	17	60	25	0	9	94	1138
% Cars	100	98.8	100	100	98.9	0	100	100	100	100	0	0	0	100	100	89.6	100	0	90.0	92.2	98.4
Heavy Vehicles																					
% Heavy Vehicles	0	1.2	0	0	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.9
RTOR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	1	8	8
% RTOR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10.4	0	0	10.0	7.8	0.7



Tri-State Traffic Data, Inc.

610-466-1469

www.TSTData.com

Location: Columbia County, PA

Intersection: 3rd St./ Market St

Date: Thursday; April 15, 2010

Counter: JI

File Name : SM0415-7

Site Code : 00000000

Start Date : 4/15/2010

Page No : 1

Groups Printed- Cars - Heavy Vehicles - RTOR

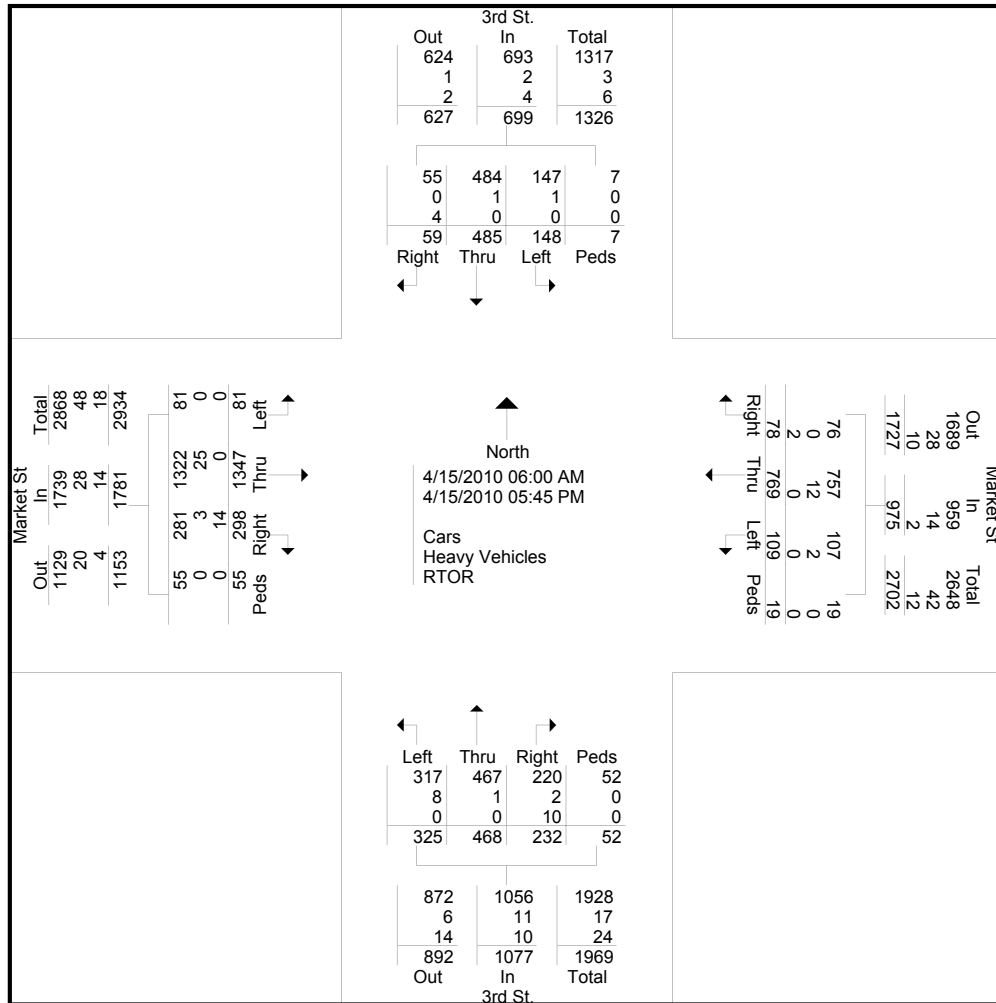
	3rd St. Southbound					Market St Westbound					3rd St. Northbound					Market St Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 AM	0	2	0	0	2	1	3	2	0	6	1	0	2	0	3	8	32	0	0	40	51
06:15 AM	1	10	2	0	13	4	11	0	0	15	2	5	2	0	9	5	32	1	0	38	75
06:30 AM	0	13	3	2	18	3	22	5	0	30	10	4	3	0	17	8	31	1	2	42	107
06:45 AM	2	8	4	0	14	2	24	2	1	29	7	8	3	1	19	2	47	1	1	51	113
Total	3	33	9	2	47	10	60	9	1	80	20	17	10	1	48	23	142	3	3	171	346
07:00 AM	0	8	1	1	10	2	31	3	1	37	4	12	5	1	22	3	54	5	1	63	132
07:15 AM	2	11	1	0	14	2	18	3	2	25	2	14	6	0	22	6	56	3	2	67	128
07:30 AM	1	25	5	0	31	1	35	8	0	44	7	14	5	1	27	10	47	2	0	59	161
07:45 AM	3	20	1	1	25	3	31	11	0	45	3	15	5	1	24	15	36	2	1	54	148
Total	6	64	8	2	80	8	115	25	3	151	16	55	21	3	95	34	193	12	4	243	569
08:00 AM	2	13	6	0	21	3	23	11	0	37	5	13	8	0	26	11	41	2	1	55	139
08:15 AM	2	20	8	1	31	5	43	5	0	53	8	16	7	0	31	15	61	6	2	84	199
08:30 AM	1	18	4	0	23	2	20	9	2	33	6	20	7	1	34	15	57	2	0	74	164
08:45 AM	1	20	3	0	24	2	33	11	0	46	10	19	9	0	38	13	56	3	1	73	181
Total	6	71	21	1	99	12	119	36	2	169	29	68	31	1	129	54	215	13	4	286	683
03:00 PM	8	32	13	0	53	3	23	2	1	29	17	28	29	1	75	15	58	7	1	81	238
03:15 PM	4	30	12	0	46	9	38	1	1	49	14	36	18	4	72	18	66	6	2	92	259
03:30 PM	5	33	11	0	49	3	45	2	0	50	13	35	17	3	68	15	61	7	6	89	256
03:45 PM	2	24	9	0	35	3	40	3	1	47	19	27	22	1	69	17	71	3	4	95	246
Total	19	119	45	0	183	18	146	8	3	175	63	126	86	9	284	65	256	23	13	357	999
04:00 PM	6	31	6	0	43	4	50	0	1	55	12	19	22	5	58	18	54	4	5	81	237
04:15 PM	3	24	8	0	35	4	45	3	0	52	9	22	20	2	53	8	66	9	3	86	226
04:30 PM	5	29	7	0	41	5	54	6	0	65	19	22	25	8	74	22	67	3	8	100	280
04:45 PM	2	21	11	0	34	3	32	5	2	42	10	28	27	5	70	17	60	2	6	85	231
Total	16	105	32	0	153	16	181	14	3	214	50	91	94	20	255	65	247	18	22	352	974
05:00 PM	0	35	6	1	42	6	43	4	2	55	19	34	30	3	86	11	76	3	0	90	273
05:15 PM	1	18	11	0	30	4	37	10	0	51	12	27	20	5	64	18	77	0	4	99	244
05:30 PM	5	18	8	0	31	4	34	1	3	42	9	20	18	6	53	8	71	2	2	83	209
05:45 PM	3	22	8	1	34	0	34	2	2	38	14	30	15	4	63	20	70	7	3	100	235
Total	9	93	33	2	137	14	148	17	7	186	54	111	83	18	266	57	294	12	9	372	961
Grand Total	59	485	148	7	699	78	769	109	19	975	232	468	325	52	1077	298	1347	81	55	1781	4532
Apprch %	8.4	69.4	21.2	1		8	78.9	11.2	1.9		21.5	43.5	30.2	4.8		16.7	75.6	4.5	3.1		
Total %	1.3	10.7	3.3	0.2	15.4	1.7	17	2.4	0.4	21.5	5.1	10.3	7.2	1.1	23.8	6.6	29.7	1.8	1.2	39.3	
Cars	55	484	147	7	693	76	757	107	19	959	220	467	317	52	1056	281	1322				
% Cars	93.2	99.8	99.3	100	99.1	97.4	98.4	98.2	100	98.4	94.8	99.8	97.5	100	98.1	94.3	98.1	100	100	97.6	98.1
Heavy Vehicles																					
% Heavy Vehicles	0	0.2	0.7	0	0.3	0	1.6	1.8	0	1.4	0.9	0.2	2.5	0	1	1	1.9	0	0	1.6	1.2
RTOR	4	0	0	0	4	2	0	0	0	2	10	0	0	0	10	14	0	0	0	14	30
% RTOR	6.8	0	0	0	0.6	2.6	0	0	0	0.2	4.3	0	0	0	0.9	4.7	0	0	0	0.8	0.7

Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: 3rd St./ Market St
Date: Thursday; April 15, 2010
Counter: JI

File Name : SM0415-7
Site Code : 00000000
Start Date : 4/15/2010
Page No : 2



Tri-State Traffic Data, Inc.

610-466-1469

www.TSTData.com

Location: Columbia County, PA

Intersection: 3rd St./ Market St

Date: Thursday; April 15, 2010

Counter: JL

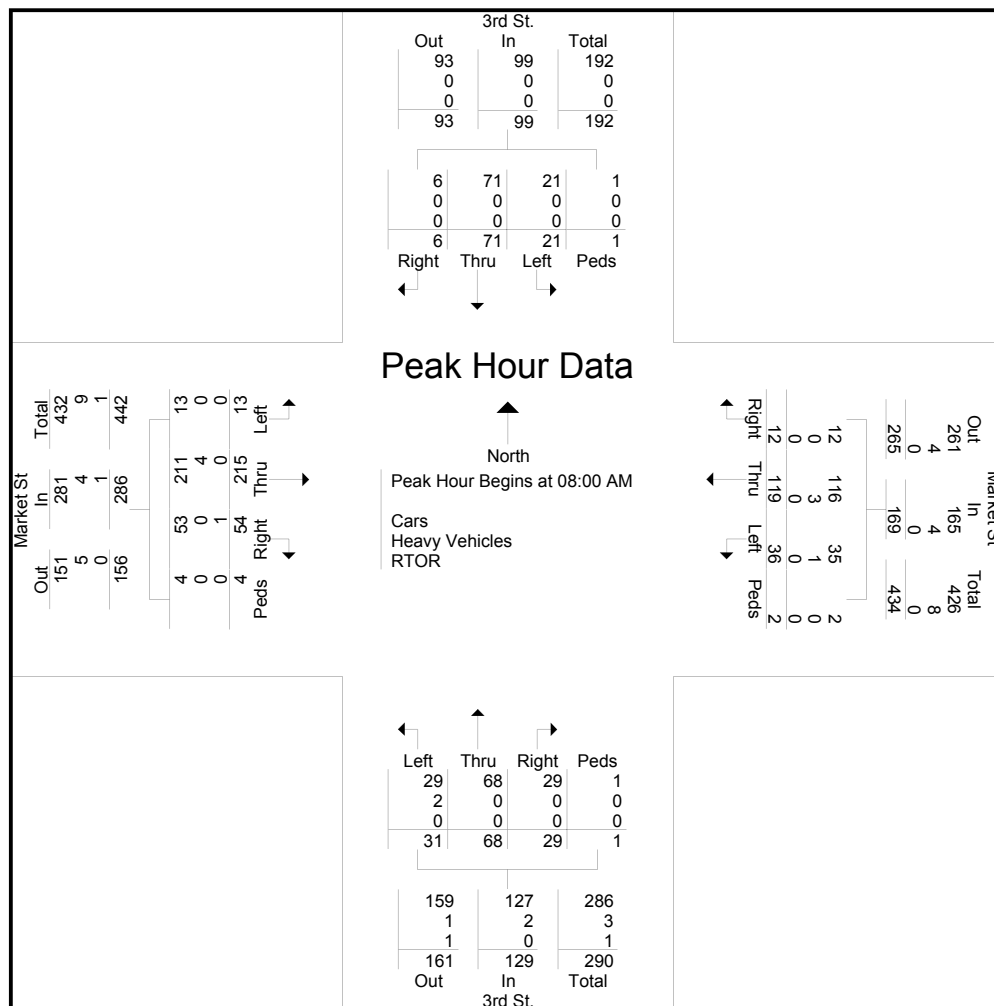
File Name : SM0415-7

Site Code : 00000000

Start Date : 4/15/2010

Page No : 3

	3rd St. Southbound					Market St Westbound					3rd St. Northbound					Market St Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 08:00 AM																					
08:00 AM	2	13	6	0	21	3	23	11	0	37	5	13	8	0	26	11	41	2	1	55	139
08:15 AM	2	20	8	1	31	5	43	5	0	53	8	16	7	0	31	15	61	6	2	84	199
08:30 AM	1	18	4	0	23	2	20	9	2	33	6	20	7	1	34	15	57	2	0	74	164
08:45 AM	1	20	3	0	24	2	33	11	0	46	10	19	9	0	38	13	56	3	1	73	181
Total Volume	6	71	21	1	99	12	119	36	2	169	29	68	31	1	129	54	215	13	4	286	683
% App. Total	6.1	71.7	21.2	1		7.1	70.4	21.3	1.2		22.5	52.7	24	0.8		18.9	75.2	4.5	1.4		
PHF	.750	.888	.656	.250	.798	.600	.692	.818	.250	.797	.725	.850	.861	.250	.849	.900	.881	.542	.500	.851	.858
Cars	6	71	21	1	99	12	116	35	2	165	29	68	29	1	127	53	211	13	4	281	672
% Cars	100	100	100	100	100	100	97.5	97.2	100	97.6	100	100	93.5	100	98.4	98.1	98.1	100	100	98.3	98.4
Heavy Vehicles																					
% Heavy Vehicles	0	0	0	0	0	0	2.5	2.8	0	2.4	0	0	6.5	0	1.6	0	1.9	0	0	1.4	1.5
RTOR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
% RTOR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.9	0	0	0	0.3	0.1



Tri-State Traffic Data, Inc.

610-466-1469

www.TSTData.com

Location: Columbia County, PA

Intersection: 3rd St./ Market St

Date: Thursday; April 15, 2010

Counter: JI

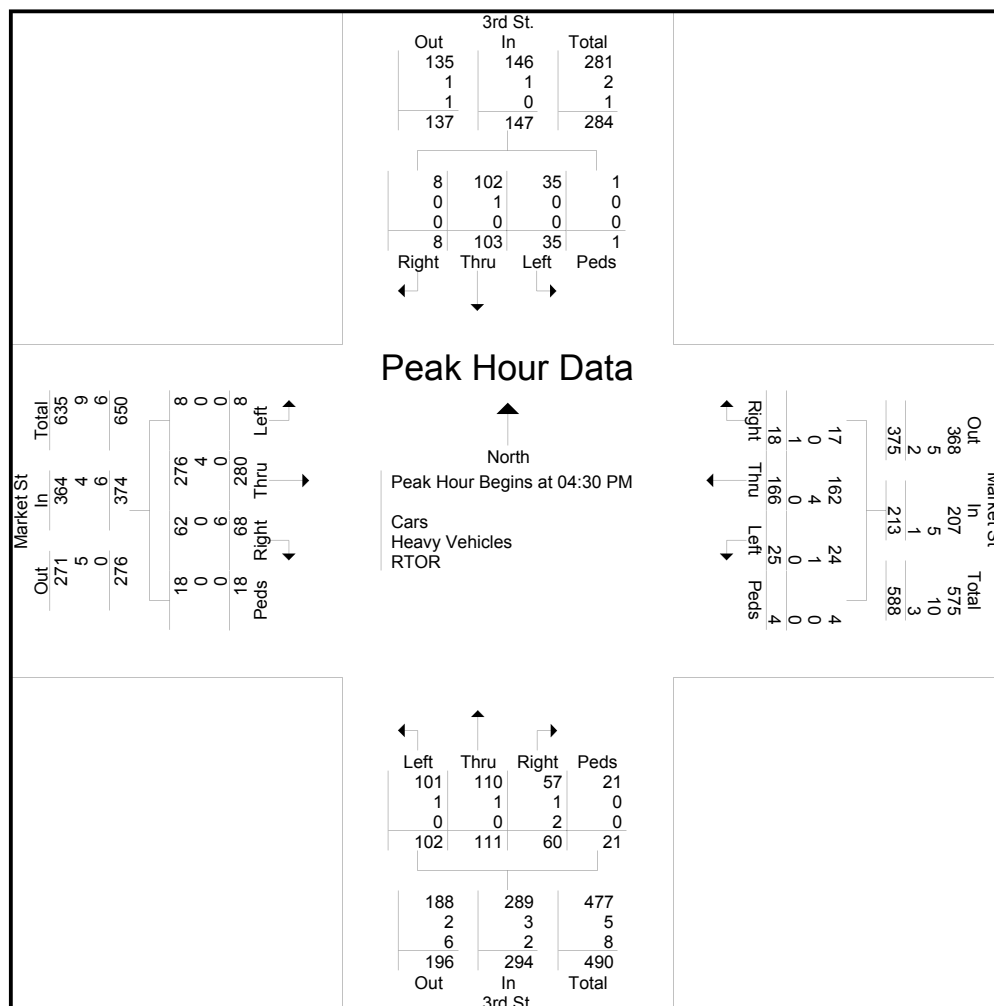
File Name : SM0415-7

Site Code : 00000000

Start Date : 4/15/2010

Page No : 4

	3rd St. Southbound					Market St Westbound					3rd St. Northbound					Market St Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	5	29	7	0	41	5	54	6	0	65	19	22	25	8	74	22	67	3	8	100	280
04:45 PM	2	21	11	0	34	3	32	5	2	42	10	28	27	5	70	17	60	2	6	85	231
05:00 PM	0	35	6	1	42	6	43	4	2	55	19	34	30	3	86	11	76	3	0	90	273
05:15 PM	1	18	11	0	30	4	37	10	0	51	12	27	20	5	64	18	77	0	4	99	244
Total Volume	8	103	35	1	147	18	166	25	4	213	60	111	102	21	294	68	280	8	18	374	1028
% App. Total	5.4	70.1	23.8	0.7		8.5	77.9	11.7	1.9		20.4	37.8	34.7	7.1		18.2	74.9	2.1	4.8		
PHF	.400	.736	.795	.250	.875	.750	.769	.625	.500	.819	.789	.816	.850	.656	.855	.773	.909	.667	.563	.935	.918
Cars	8	102	35	1	146	17	162	24	4	207	57	110	101	21	289	62	276	8	18	364	1006
% Cars	100	99.0	100	100	99.3	94.4	97.6	96.0	100	97.2	95.0	99.1	99.0	100	98.3	91.2	98.6	100	100	97.3	97.9
Heavy Vehicles																					
% Heavy Vehicles	0	1.0	0	0	0.7	0	2.4	4.0	0	2.3	1.7	0.9	1.0	0	1.0	0	1.4	0	0	1.1	1.3
RTOR	0	0	0	0	0	1	0	0	0	1	2	0	0	0	2	6	0	0	0	6	9
% RTOR	0	0	0	0	0	5.6	0	0	0	0.5	3.3	0	0	0	0.7	8.8	0	0	0	1.6	0.9



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Tri-State Traffic Data, Inc.
610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: 2nd / Market
Date: Wednesday, April 14, 2010
Counter: JT

File Name : SM0414-8
Site Code : 00000000
Start Date : 4/14/2010
Page No : 1

Groups Printed- Cars - Heavy Vehicles - Right Turn On Red

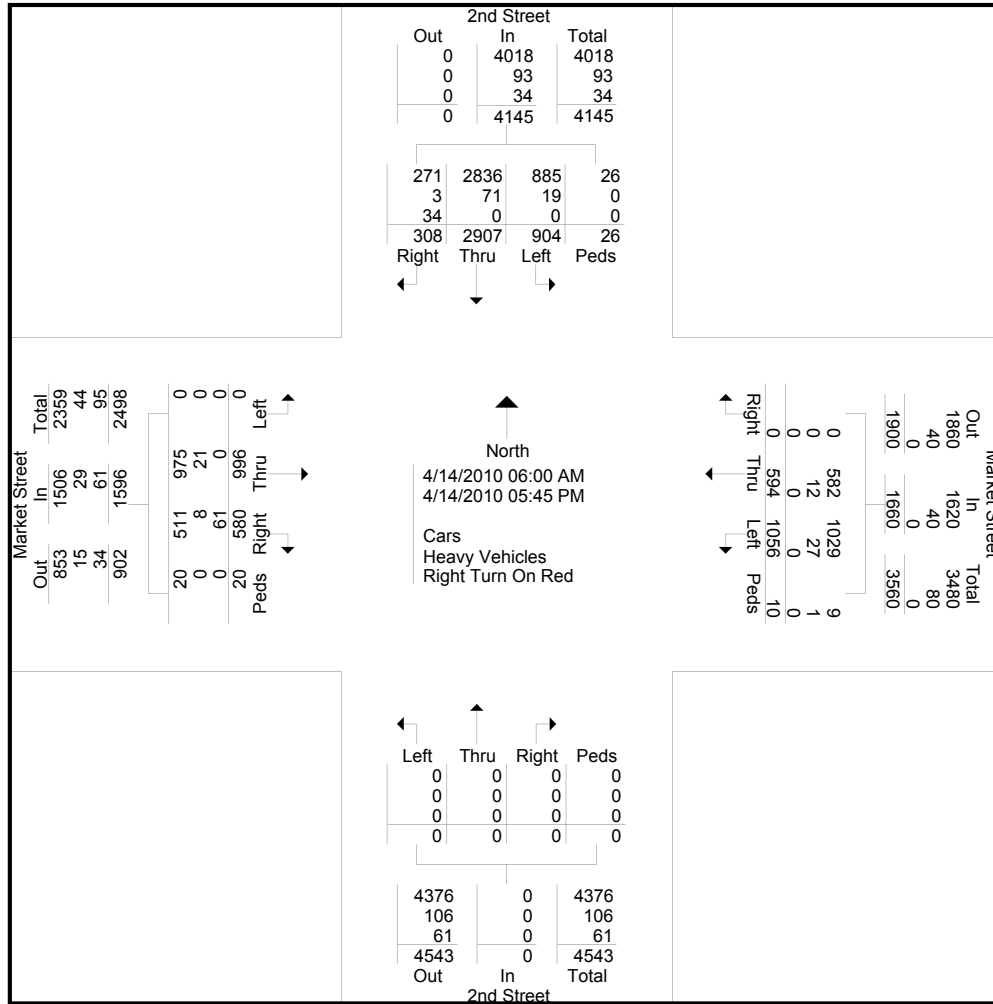
	2nd Street Southbound					Market Street Westbound					2nd Street Northbound					Market Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 AM	1	39	17	0	57	0	6	22	0	28	0	0	0	0	0	8	31	0	0	39	124
06:15 AM	5	58	22	0	85	0	9	20	0	29	0	0	0	0	0	13	28	0	0	41	155
06:30 AM	6	75	18	0	99	0	27	19	0	46	0	0	0	0	0	17	21	0	0	38	183
06:45 AM	10	92	24	1	127	0	22	33	0	55	0	0	0	0	0	17	28	0	1	46	228
Total	22	264	81	1	368	0	64	94	0	158	0	0	0	0	0	55	108	0	1	164	690
07:00 AM	6	86	30	0	122	0	20	27	0	47	0	0	0	0	0	19	33	0	0	52	221
07:15 AM	7	118	24	0	149	0	24	35	0	59	0	0	0	0	0	20	32	0	0	52	260
07:30 AM	11	162	40	0	213	0	23	44	0	67	0	0	0	0	0	21	34	0	0	55	335
07:45 AM	15	140	31	0	186	0	38	61	0	99	0	0	0	0	0	24	32	0	0	56	341
Total	39	506	125	0	670	0	105	167	0	272	0	0	0	0	0	84	131	0	0	215	1157
08:00 AM	10	88	31	2	131	0	17	41	0	58	0	0	0	0	0	18	31	0	1	50	239
08:15 AM	12	116	31	0	159	0	28	55	1	84	0	0	0	0	0	25	25	0	0	50	293
08:30 AM	14	120	23	1	158	0	18	54	0	72	0	0	0	0	0	26	33	0	0	59	289
08:45 AM	5	108	24	0	137	0	27	36	0	63	0	0	0	0	0	32	34	0	2	68	268
Total	41	432	109	3	585	0	90	186	1	277	0	0	0	0	0	101	123	0	3	227	1089
*** BREAK ***																					
03:00 PM	17	168	51	5	241	0	17	47	1	65	0	0	0	0	0	32	40	0	2	74	380
03:15 PM	15	143	47	2	207	0	28	63	3	94	0	0	0	0	0	34	51	0	3	88	389
03:30 PM	14	167	59	0	240	0	15	57	0	72	0	0	0	0	0	25	55	0	1	81	393
03:45 PM	13	110	42	0	165	0	43	60	3	106	0	0	0	0	0	24	42	0	0	66	337
Total	59	588	199	7	853	0	103	227	7	337	0	0	0	0	0	115	188	0	6	309	1499
04:00 PM	14	152	47	2	215	0	35	42	0	77	0	0	0	0	0	32	65	0	1	98	390
04:15 PM	25	134	53	1	213	0	21	39	1	61	0	0	0	0	0	33	48	0	0	81	355
04:30 PM	21	156	52	4	233	0	23	48	1	72	0	0	0	0	0	23	61	0	4	88	393
04:45 PM	17	126	60	5	208	0	35	58	0	93	0	0	0	0	0	36	57	0	1	94	395
Total	77	568	212	12	869	0	114	187	2	303	0	0	0	0	0	124	231	0	6	361	1533
05:00 PM	17	153	46	1	217	0	32	50	0	82	0	0	0	0	0	20	67	0	1	88	387
05:15 PM	16	127	51	1	195	0	32	48	0	80	0	0	0	0	0	28	52	0	2	82	357
05:30 PM	13	123	34	0	170	0	23	43	0	66	0	0	0	0	0	29	51	0	0	80	316
05:45 PM	24	146	47	1	218	0	31	54	0	85	0	0	0	0	0	24	45	0	1	70	373
Total	70	549	178	3	800	0	118	195	0	313	0	0	0	0	0	101	215	0	4	320	1433
Grand Total	308	2907	904	26	4145	0	594	1056	10	1660	0	0	0	0	0	580	996	0	20	1596	7401
Apprch %	7.4	70.1	21.8	0.6		0	35.8	63.6	0.6		0	0	0	0		36.3	62.4	0	1.3		
Total %	4.2	39.3	12.2	0.4	56	0	8	14.3	0.1	22.4	0	0	0	0	0	7.8	13.5	0	0.3	21.6	
Cars	271	2836	885	26	4018	0	582	1029	9	1620	0	0	0	0	0	511	975	0	20	1506	7144
% Cars	88	97.6	97.9	100	96.9	0	98	97.4	90	97.6	0	0	0	0	0	88.1	97.9	0	100	94.4	96.5
Heavy Vehicles	3	71	19	0	93	0	12	27	1	40	0	0	0	0	0	8	21	0	0	29	162
% Heavy Vehicles	1	2.4	2.1	0	2.2	0	2	2.6	10	2.4	0	0	0	0	0	1.4	2.1	0	0	1.8	2.2
Right Turn On Red	34	0	0	0	34	0	0	0	0	0	0	0	0	0	0	61	0	0	0	61	95
% Right Turn On Red	11	0	0	0	0.8	0	0	0	0	0	0	0	0	0	0	10.5	0	0	0	3.8	1.3

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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: 2nd / Market
Date: Wednesday, April 14, 2010
Counter: JT

File Name : SM0414-8
Site Code : 00000000
Start Date : 4/14/2010
Page No : 2



Controlled Document

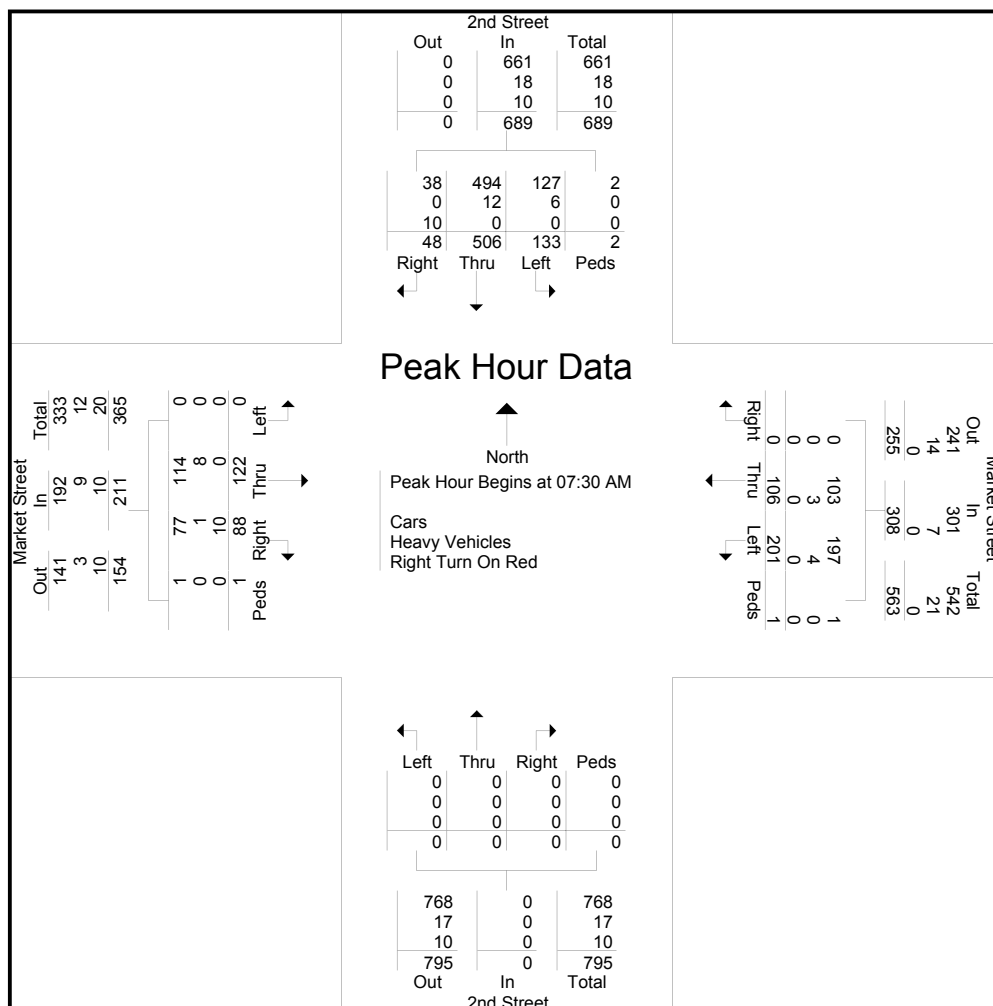
Tri-State Traffic Data, Inc.

610-466-1469
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Location: Columbia County, PA
Intersection: 2nd / Market
Date: Wednesday, April 14, 2010
Counter: JT

File Name : SM0414-8
Site Code : 00000000
Start Date : 4/14/2010
Page No : 3

	2nd Street Southbound					Market Street Westbound					2nd Street Northbound					Market Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	11	162	40	0	213	0	23	44	0	67	0	0	0	0	0	21	34	0	0	55	335
07:45 AM	15	140	31	0	186	0	38	61	0	99	0	0	0	0	0	24	32	0	0	56	341
08:00 AM	10	88	31	2	131	0	17	41	0	58	0	0	0	0	0	18	31	0	1	50	239
08:15 AM	12	116	31	0	159	0	28	55	1	84	0	0	0	0	0	25	25	0	0	50	293
Total Volume	48	506	133	2	689	0	106	201	1	308	0	0	0	0	0	88	122	0	1	211	1208
% App. Total	7	73.4	19.3	0.3		0	34.4	65.3	0.3		0	0	0	0	0	41.7	57.8	0	0.5		
PHF	.800	.781	.831	.250	.809	.000	.697	.824	.250	.778	.000	.000	.000	.000	.000	.880	.897	.000	.250	.942	.886
Cars	38	494	127	2	661	0	103	197	1	301	0	0	0	0	0	77	114	0	1	192	1154
% Cars	79.2	97.6	95.5	100	95.9	0	97.2	98.0	100	97.7	0	0	0	0	0	87.5	93.4	0	100	91.0	95.5
Heavy Vehicles																					
% Heavy Vehicles	0	2.4	4.5	0	2.6	0	2.8	2.0	0	2.3	0	0	0	0	0	1.1	6.6	0	0	4.3	2.8
Right Turn On Red	10	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	20
% Right Turn On Red	20.8	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0	11.4	0	0	0	4.7	1.7



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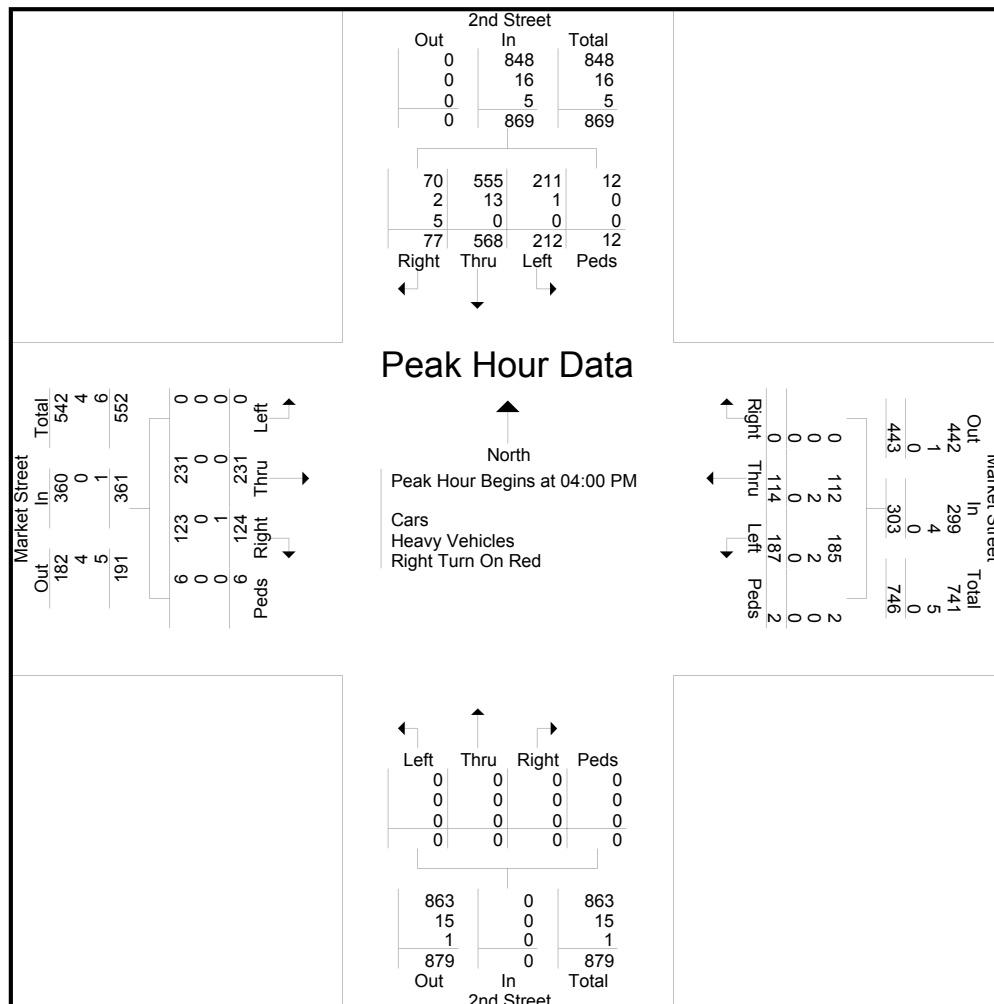
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: 2nd / Market
Date: Wednesday, April 14, 2010
Counter: JT

File Name : SM0414-8
Site Code : 00000000
Start Date : 4/14/2010
Page No : 4

	2nd Street Southbound					Market Street Westbound					2nd Street Northbound					Market Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	14	152	47	2	215	0	35	42	0	77	0	0	0	0	0	32	65	0	1	98	390
04:15 PM	25	134	53	1	213	0	21	39	1	61	0	0	0	0	0	33	48	0	0	81	355
04:30 PM	21	156	52	4	233	0	23	48	1	72	0	0	0	0	0	23	61	0	4	88	393
04:45 PM	17	126	60	5	208	0	35	58	0	93	0	0	0	0	0	36	57	0	1	94	395
Total Volume	77	568	212	12	869	0	114	187	2	303	0	0	0	0	0	124	231	0	6	361	1533
% App. Total	8.9	65.4	24.4	1.4		0	37.6	61.7	0.7		0	0	0	0	0	34.3	64	0	1.7		
PHF	.770	.910	.883	.600	.932	.000	.814	.806	.500	.815	.000	.000	.000	.000	.000	.861	.888	.000	.375	.921	.970
Cars	70	555	211	12	848	0	112	185	2	299	0	0	0	0	0	123	231	0	6	360	1507
% Cars	90.9	97.7	99.5	100	97.6	0	98.2	98.9	100	98.7	0	0	0	0	0	99.2	100	0	100	99.7	98.3
Heavy Vehicles																					
% Heavy Vehicles	2.6	2.3	0.5	0	1.8	0	1.8	1.1	0	1.3	0	0	0	0	0	0	0	0	0	0	1.3
Right Turn On Red	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	6
% Right Turn On Red	6.5	0	0	0	0.6	0	0	0	0	0	0	0	0	0	0	0.8	0	0	0	0.3	0.4



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Tri-State Traffic Data, Inc.
610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: Front / Market
Date: Wednesday, April 14, 2010
Counter: ET

File Name : SM0414-9
Site Code : 00000000
Start Date : 4/14/2010
Page No : 1

Groups Printed- Cars - Heavy Vehicles - Right Turn On Red

	Front Street Southbound					Market Street Westbound					Front Street Northbound					Market Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 AM	0	0	0	0	0	30	29	0	0	59	16	60	0	0	76	0	38	10	0	48	183
06:15 AM	0	0	0	0	0	31	29	0	0	60	21	71	1	0	93	0	44	5	0	49	202
06:30 AM	0	0	0	0	0	39	46	0	0	85	29	94	0	3	126	0	30	8	2	40	251
06:45 AM	0	0	0	0	0	42	53	0	1	96	14	117	1	0	132	0	35	11	0	46	274
Total	0	0	0	0	0	142	157	0	1	300	80	342	2	3	427	0	147	34	2	183	910
07:00 AM	0	0	0	0	0	37	48	0	0	85	29	107	0	0	136	0	55	10	0	65	286
07:15 AM	0	0	0	0	0	79	62	0	1	142	25	139	3	0	167	0	43	6	0	49	358
07:30 AM	0	0	0	0	0	74	68	0	0	142	35	124	0	0	159	0	66	10	2	78	379
07:45 AM	0	0	0	0	0	48	97	0	0	145	27	123	2	0	152	0	56	5	0	61	358
Total	0	0	0	0	0	238	275	0	1	514	116	493	5	0	614	0	220	31	2	253	1381
08:00 AM	0	0	0	0	0	32	58	0	1	91	30	94	1	0	125	0	48	10	0	58	274
08:15 AM	0	0	0	0	0	40	80	0	2	122	30	111	5	1	147	0	41	12	3	56	325
08:30 AM	0	0	0	0	0	29	68	0	1	98	45	96	4	0	145	0	43	15	6	64	307
08:45 AM	0	0	0	0	0	39	68	0	2	109	29	79	3	0	111	0	47	11	1	59	279
Total	0	0	0	0	0	140	274	0	6	420	134	380	13	1	528	0	179	48	10	237	1185
*** BREAK ***																					
03:00 PM	0	0	0	0	0	35	60	0	10	105	30	168	2	1	201	0	77	13	3	93	399
03:15 PM	0	0	0	0	0	35	85	0	2	122	37	146	4	1	188	0	86	15	3	104	414
03:30 PM	0	0	0	0	0	35	80	0	0	115	54	164	1	0	219	0	97	20	5	122	456
03:45 PM	0	0	0	0	0	32	95	0	2	129	43	158	0	0	201	0	71	14	0	85	415
Total	0	0	0	0	0	137	320	0	14	471	164	636	7	2	809	0	331	62	11	404	1684
04:00 PM	0	0	0	0	0	50	71	0	2	123	53	173	1	6	233	0	72	30	5	107	463
04:15 PM	0	0	0	0	0	57	60	0	4	121	47	158	1	0	206	0	85	19	0	104	431
04:30 PM	0	0	0	0	0	47	79	0	0	126	52	163	0	2	217	0	78	34	3	115	458
04:45 PM	0	0	0	0	0	45	88	0	5	138	57	163	0	4	224	0	102	17	2	121	483
Total	0	0	0	0	0	199	298	0	11	508	209	657	2	12	880	0	337	100	10	447	1835
05:00 PM	0	0	0	0	0	42	80	0	7	129	56	170	0	5	231	2	90	15	2	109	469
05:15 PM	0	0	0	0	0	48	88	0	2	138	59	173	0	0	232	0	88	21	1	110	480
05:30 PM	0	0	0	0	0	40	71	0	0	111	49	154	0	2	205	2	71	15	4	92	408
05:45 PM	0	0	0	0	0	28	80	0	0	108	39	158	0	4	201	0	70	18	2	90	399
Total	0	0	0	0	0	158	319	0	9	486	203	655	0	11	869	4	319	69	9	401	1756
Grand Total	0	0	0	0	0	1014	1643	0	42	2699	906	3163	29	29	4127	4	1533	344	44	1925	8751
Apprch %	0	0	0	0		37.6	60.9	0	1.6		22	76.6	0.7	0.7		0.2	79.6	17.9	2.3		
Total %	0	0	0	0	0	11.6	18.8	0	0.5	30.8	10.4	36.1	0.3	0.3	47.2	0	17.5	3.9	0.5	22	
Cars	0	0	0	0	0	745	1604	0	41	2390	823	3085	28	29	3965	4	1499	337	44	1884	8239
% Cars	0	0	0	0	0	73.5	97.6	0	97.6	88.6	90.8	97.5	96.6	100	96.1	100	97.8	98	100	97.9	94.1
Heavy Vehicles	0	0	0	0	0	15	39	0	1	55	17	78	1	0	96	0	31	7	0	38	189
% Heavy Vehicles	0	0	0	0	0	1.5	2.4	0	2.4	2	1.9	2.5	3.4	0	2.3	0	2	2	0	2	2.2
Right Turn On Red	0	0	0	0	0	254	0	0	0	254	66	0	0	0	66	0	3	0	0	3	323
% Right Turn On Red	0	0	0	0	0	25	0	0	0	9.4	7.3	0	0	0	1.6	0	0.2	0	0	0.2	3.7

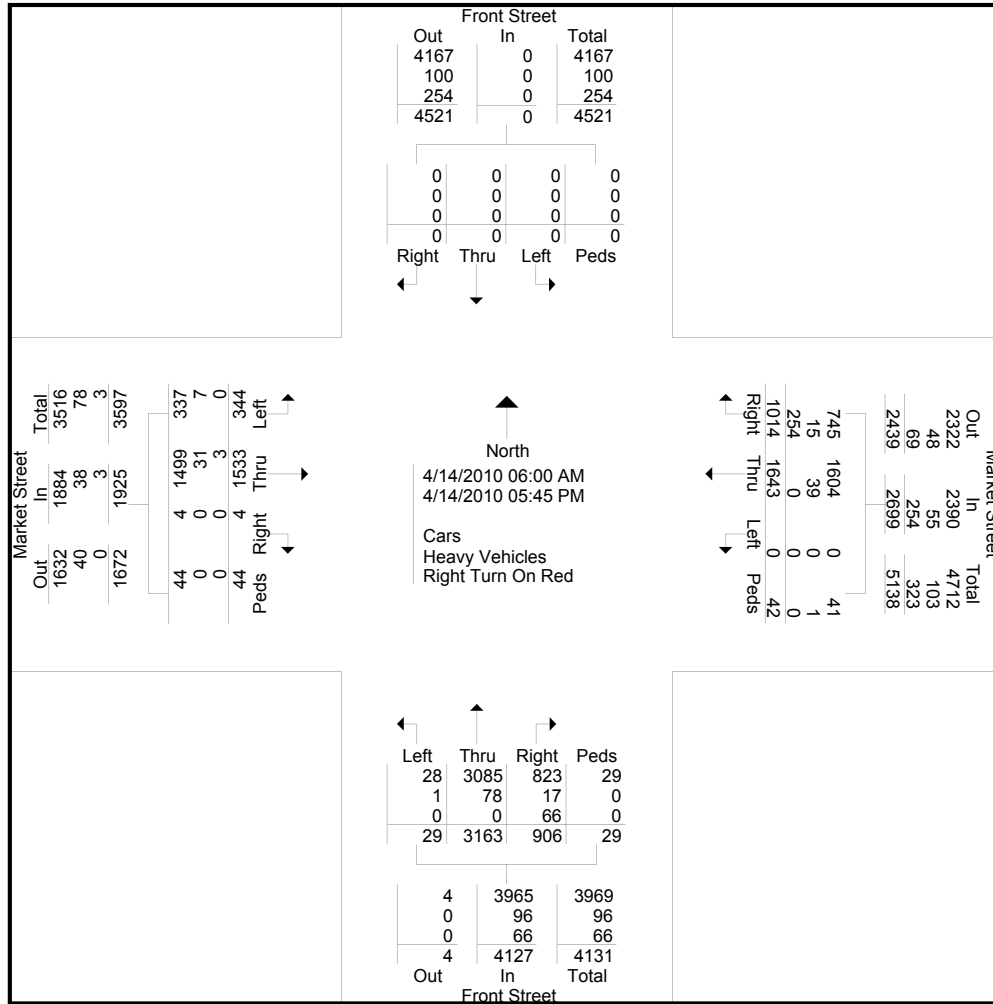
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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: Front / Market
Date: Wednesday, April 14, 2010
Counter: ET

File Name : SM0414-9
Site Code : 00000000
Start Date : 4/14/2010
Page No : 2



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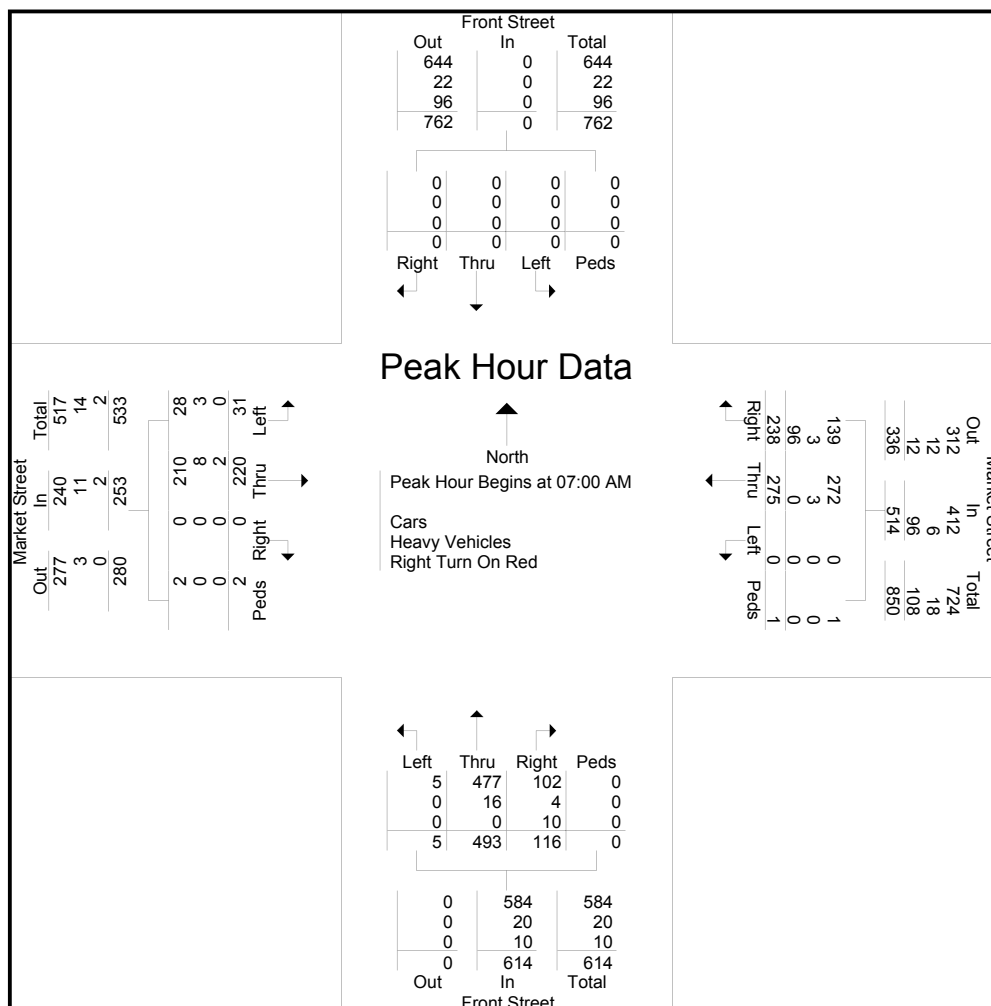
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: Front / Market
Date: Wednesday, April 14, 2010
Counter: ET

File Name : SM0414-9
Site Code : 00000000
Start Date : 4/14/2010
Page No : 3

	Front Street Southbound					Market Street Westbound					Front Street Northbound					Market Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	0	0	0	0	0	37	48	0	0	85	29	107	0	0	136	0	55	10	0	65	286
07:15 AM	0	0	0	0	0	79	62	0	1	142	25	139	3	0	167	0	43	6	0	49	358
07:30 AM	0	0	0	0	0	74	68	0	0	142	35	124	0	0	159	0	66	10	2	78	379
07:45 AM	0	0	0	0	0	48	97	0	0	145	27	123	2	0	152	0	56	5	0	61	358
Total Volume	0	0	0	0	0	238	275	0	1	514	116	493	5	0	614	0	220	31	2	253	1381
% App. Total	0	0	0	0	0	46.3	53.5	0	0.2		18.9	80.3	0.8	0		0	87	12.3	0.8		
PHF	.000	.000	.000	.000	.000	.753	.709	.000	.250	.886	.829	.887	.417	.000	.919	.000	.833	.775	.250	.811	.911
Cars	0	0	0	0	0	139	272	0	1	412	102	477	5	0	584	0	210	28	2	240	1236
% Cars	0	0	0	0	0	58.4	98.9	0	100	80.2	87.9	96.8	100	0	95.1	0	95.5	90.3	100	94.9	89.5
Heavy Vehicles																					
% Heavy Vehicles	0	0	0	0	0	1.3	1.1	0	0	1.2	3.4	3.2	0	0	3.3	0	3.6	9.7	0	4.3	2.7
Right Turn On Red	0	0	0	0	0	96	0	0	0	96	10	0	0	0	10	0	2	0	0	2	108
% Right Turn On Red	0	0	0	0	0	40.3	0	0	0	18.7	8.6	0	0	0	1.6	0	0.9	0	0	0.8	7.8



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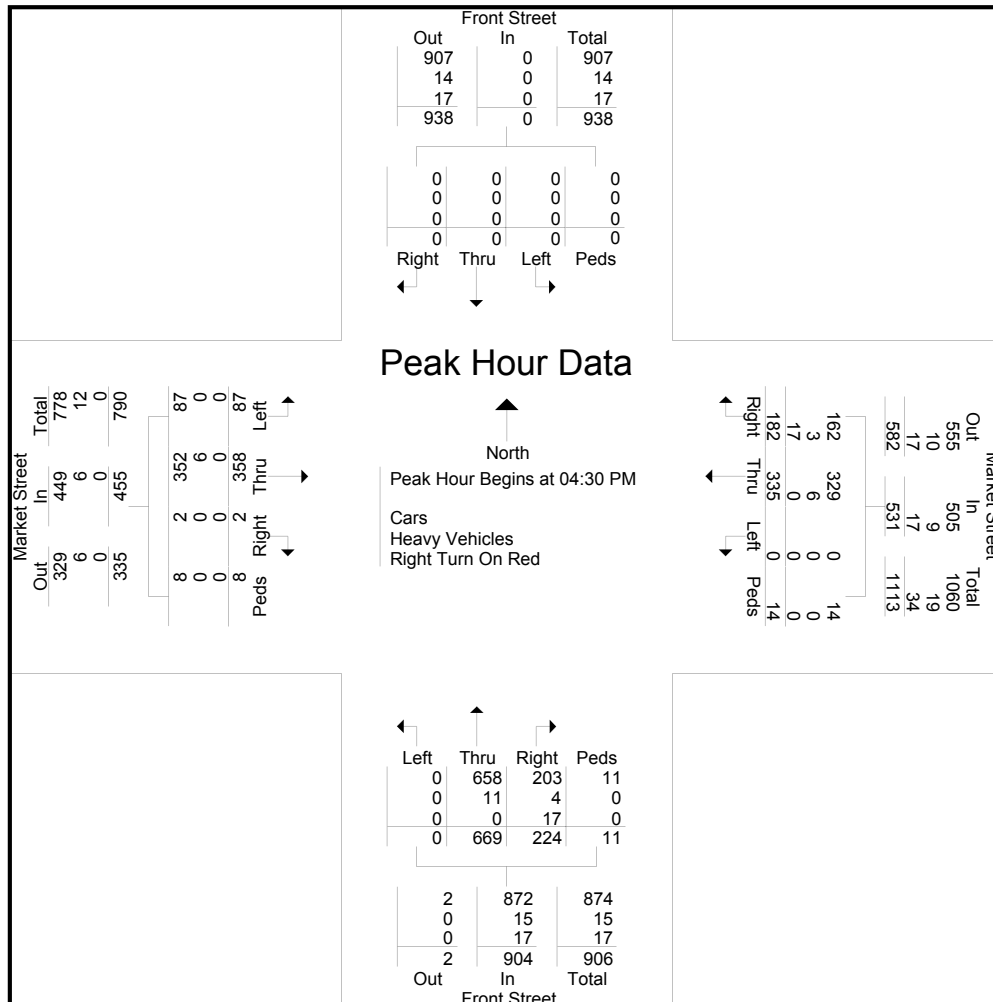
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: Front / Market
Date: Wednesday, April 14, 2010
Counter: ET

File Name : SM0414-9
Site Code : 00000000
Start Date : 4/14/2010
Page No : 4

	Front Street Southbound					Market Street Westbound					Front Street Northbound					Market Street Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	0	0	0	0	0	47	79	0	0	126	52	163	0	2	217	0	78	34	3	115	458
04:45 PM	0	0	0	0	0	45	88	0	5	138	57	163	0	4	224	0	102	17	2	121	483
05:00 PM	0	0	0	0	0	42	80	0	7	129	56	170	0	5	231	2	90	15	2	109	469
05:15 PM	0	0	0	0	0	48	88	0	2	138	59	173	0	0	232	0	88	21	1	110	480
Total Volume	0	0	0	0	0	182	335	0	14	531	224	669	0	11	904	2	358	87	8	455	1890
% App. Total	0	0	0	0	0	34.3	63.1	0	2.6		24.8	74	0	1.2		0.4	78.7	19.1	1.8		
PHF	.000	.000	.000	.000	.000	.948	.952	.000	.500	.962	.949	.967	.000	.550	.974	.250	.877	.640	.667	.940	.978
Cars	0	0	0	0	0	162	329	0	14	505	203	658	0	11	872	2	352	87	8	449	1826
% Cars	0	0	0	0	0	89.0	98.2	0	100	95.1	90.6	98.4	0	100	96.5	100	98.3	100	100	98.7	96.6
Heavy Vehicles																					
% Heavy Vehicles	0	0	0	0	0	1.6	1.8	0	0	1.7	1.8	1.6	0	0	1.7	0	1.7	0	0	1.3	1.6
Right Turn On Red	0	0	0	0	0	17	0	0	0	17	17	0	0	0	17	0	0	0	0	0	34
% Right Turn On Red	0	0	0	0	0	9.3	0	0	0	3.2	7.6	0	0	0	1.9	0	0	0	0	0	1.8



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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: 2nd St / Pine St
Date: Thursday, April 15, 2010
Counter: RZ

File Name : SM0415-10
Site Code : 00000000
Start Date : 4/15/2010
Page No : 1

Groups Printed- Cars - Heavy Vehicles - RTOR

	2ND ST Southbound					PINE ST Westbound					2ND ST Northbound					PINE ST Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 AM	3	58	0	0	61	0	4	1	0	5	0	0	0	0	0	0	0	0	0	0	66
06:15 AM	3	85	0	0	88	0	6	1	0	7	0	0	0	0	0	1	0	0	0	1	96
06:30 AM	3	70	0	0	73	0	8	3	0	11	0	0	0	0	0	1	0	0	0	1	85
06:45 AM	4	110	0	0	114	0	7	3	0	10	0	0	0	1	1	3	0	0	0	3	128
Total	13	323	0	0	336	0	25	8	0	33	0	0	0	1	1	5	0	0	0	5	375
07:00 AM	10	134	0	0	144	0	14	3	0	17	0	0	0	0	0	4	0	0	0	4	165
07:15 AM	5	142	0	2	149	0	16	2	0	18	0	0	0	3	3	5	0	0	0	5	175
07:30 AM	6	200	0	0	206	0	21	6	0	27	0	0	0	2	2	3	0	0	0	3	238
07:45 AM	4	151	0	1	156	0	19	9	0	28	0	0	0	0	0	5	0	0	0	5	189
Total	25	627	0	3	655	0	70	20	0	90	0	0	0	5	5	17	0	0	0	17	767
08:00 AM	1	96	0	0	97	0	10	6	0	16	1	0	0	0	1	6	1	0	0	7	121
08:15 AM	7	131	0	1	139	0	16	3	1	20	0	0	0	0	0	3	0	0	0	3	162
08:30 AM	6	135	0	0	141	0	21	4	0	25	0	0	0	0	0	6	0	0	0	6	172
08:45 AM	4	130	0	1	135	0	26	8	0	34	0	1	4	0	5	8	0	0	0	8	182
Total	18	492	0	2	512	0	73	21	1	95	1	1	4	0	6	23	1	0	0	24	637
*** BREAK ***																					
03:00 PM	11	179	0	0	190	0	30	10	0	40	0	0	0	3	3	18	0	0	2	20	253
03:15 PM	10	169	0	5	184	0	34	17	2	53	0	0	0	0	0	18	0	0	2	20	257
03:30 PM	13	191	0	3	207	0	33	14	0	47	0	0	0	0	0	10	1	0	0	11	265
03:45 PM	6	159	0	0	165	0	41	14	2	57	0	0	0	0	0	6	0	0	2	8	230
Total	40	698	0	8	746	0	138	55	4	197	0	0	0	3	3	52	1	0	6	59	1005
04:00 PM	16	209	0	1	226	0	26	16	0	42	0	0	0	3	3	7	0	0	1	8	279
04:15 PM	9	182	0	1	192	0	30	9	0	39	0	0	0	0	0	13	1	0	1	15	246
04:30 PM	10	173	0	1	184	0	25	11	0	36	0	0	0	1	1	11	0	0	0	11	232
04:45 PM	6	163	0	0	169	0	29	9	0	38	0	0	0	1	1	13	0	0	0	13	221
Total	41	727	0	3	771	0	110	45	0	155	0	0	0	5	5	44	1	0	2	47	978
05:00 PM	7	173	8	1	189	0	34	13	1	48	0	0	0	0	0	8	0	0	0	8	245
05:15 PM	5	158	0	2	165	0	32	7	1	40	0	0	0	0	0	10	0	0	1	11	216
05:30 PM	8	156	0	1	165	0	18	4	0	22	0	0	0	2	2	16	0	0	0	16	205
05:45 PM	4	151	0	0	155	0	16	4	0	20	0	3	0	2	5	5	0	0	0	5	185
Total	24	638	8	4	674	0	100	28	2	130	0	3	0	4	7	39	0	0	1	40	851
Grand Total	161	3505	8	20	3694	0	516	177	7	700	1	4	4	18	27	180	3	0	9	192	4613
Apprch %	4.4	94.9	0.2	0.5		0	73.7	25.3	1		3.7	14.8	14.8	66.7		93.8	1.6	0	4.7		
Total %	3.5	76	0.2	0.4	80.1	0	11.2	3.8	0.2	15.2	0	0.1	0.1	0.4	0.6	3.9	0.1	0	0.2	4.2	
Cars	154	3431	8	20	3613	0	513	177	7	697	1	4	4	18	27	167	3	0	9	179	4516
% Cars	95.7	97.9	100	100	97.8	0	99.4	100	100	99.6	100	100	100	100	100	92.8	100	0	100	93.2	97.9
Heavy Vehicles	1	74	0	0	75	0	3	0	0	3	0	0	0	0	0	3	0	0	0	3	81
% Heavy Vehicles	0.6	2.1	0	0	2	0	0.6	0	0	0.4	0	0	0	0	0	1.7	0	0	0	1.6	1.8
RTOR	6	0	0	0	6	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	16
% RTOR	3.7	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	5.6	0	0	0	5.2	0.3

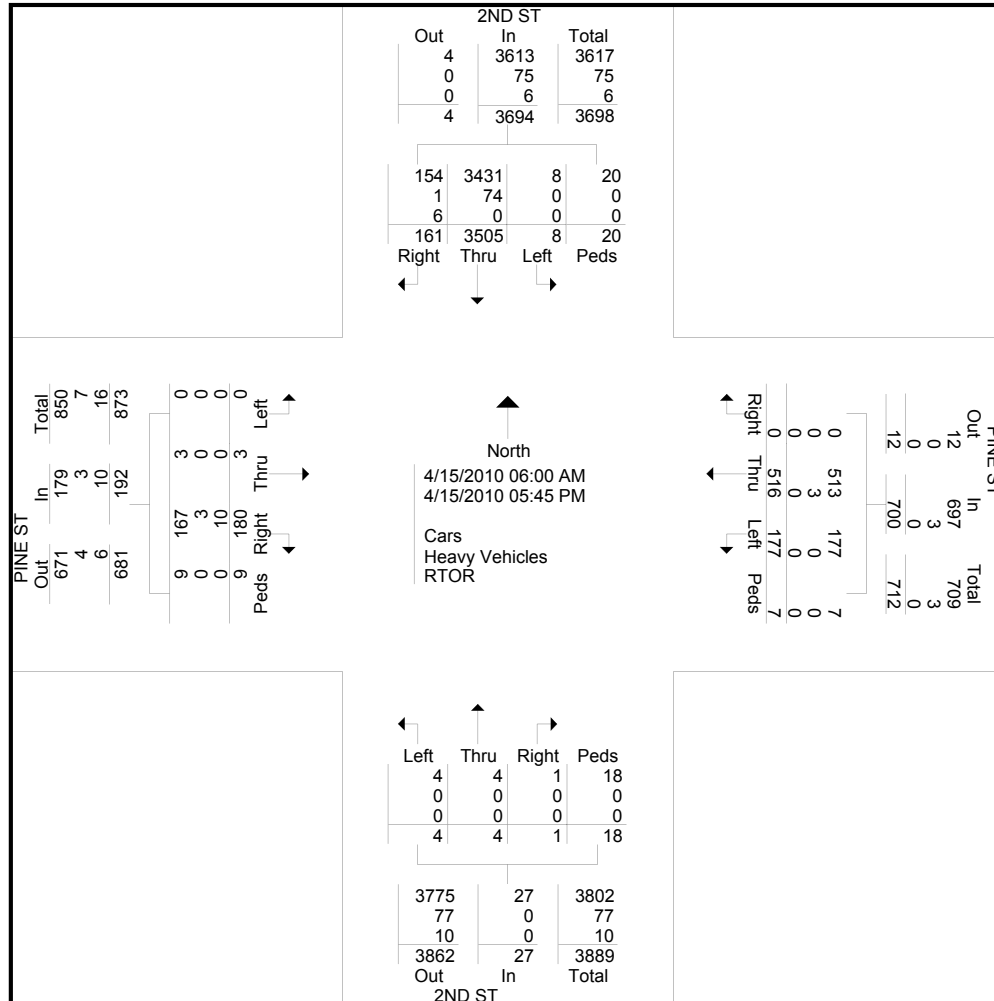
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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: 2nd St / Pine St
Date: Thursday, April 15, 2010
Counter: RZ

File Name : SM0415-10
Site Code : 00000000
Start Date : 4/15/2010
Page No : 2

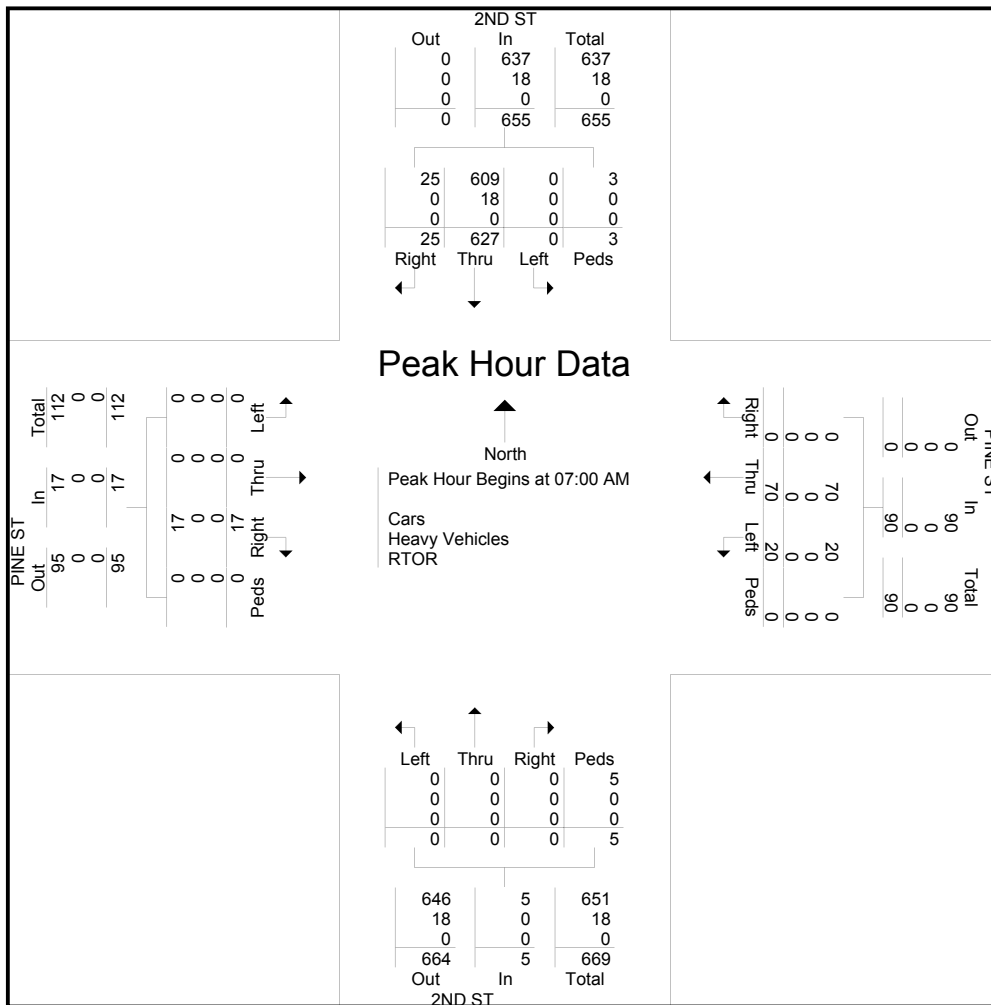


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Tri-State Traffic Data, Inc.

www.TSTData.com

Location: Columbia County, PA
Intersection: 2nd St / Pine St
Date: Thursday, April 15, 2010
Counter: RZ

File Name : SM0415-10
Site Code : 00000000
Start Date : 4/15/2010
Page No : 3

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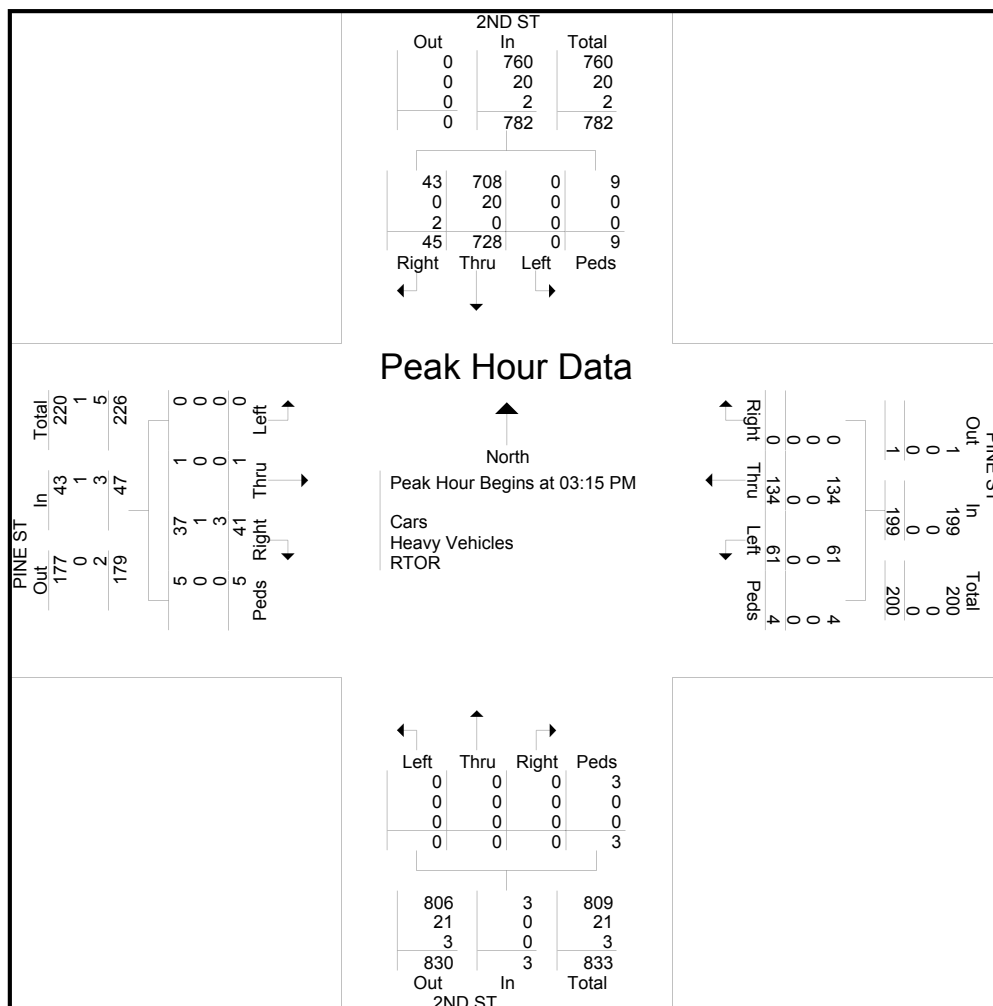
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: 2nd St / Pine St
Date: Thursday, April 15, 2010
Counter: RZ

File Name : SM0415-10
Site Code : 00000000
Start Date : 4/15/2010
Page No : 4

	2ND ST Southbound					PINE ST Westbound					2ND ST Northbound					PINE ST Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 03:15 PM																					
03:15 PM	10	169	0	5	184	0	34	17	2	53	0	0	0	0	0	18	0	0	2	20	257
03:30 PM	13	191	0	3	207	0	33	14	0	47	0	0	0	0	0	10	1	0	0	11	265
03:45 PM	6	159	0	0	165	0	41	14	2	57	0	0	0	0	0	6	0	0	2	8	230
04:00 PM	16	209	0	1	226	0	26	16	0	42	0	0	0	3	3	7	0	0	1	8	279
Total Volume	45	728	0	9	782	0	134	61	4	199	0	0	0	3	3	41	1	0	5	47	1031
% App. Total	5.8	93.1	0	1.2		0	67.3	30.7	2		0	0	0	100		87.2	2.1	0	10.6		
PHF	.703	.871	.000	.450	.865	.000	.817	.897	.500	.873	.000	.000	.000	.250	.250	.569	.250	.000	.625	.588	.924
Cars	43	708	0	9	760	0	134	61	4	199	0	0	0	3	3	37	1	0	5	43	1005
% Cars	95.6	97.3	0	100	97.2	0	100	100	100	100	0	0	0	100	100	90.2	100	0	100	91.5	97.5
Heavy Vehicles																					
% Heavy Vehicles	0	2.7	0	0	2.6	0	0	0	0	0	0	0	0	0	0	2.4	0	0	0	2.1	2.0
RTOR	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	5
% RTOR	4.4	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	7.3	0	0	0	6.4	0.5



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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia, PA
Intersection: 2nd St/Walnut, St
Date: Thursday, April 15, 2010
Counter: CMK

File Name : SM0415-11
Site Code : 00000000
Start Date : 4/15/2010
Page No : 1

Groups Printed- Cars - Heavy Vehicles

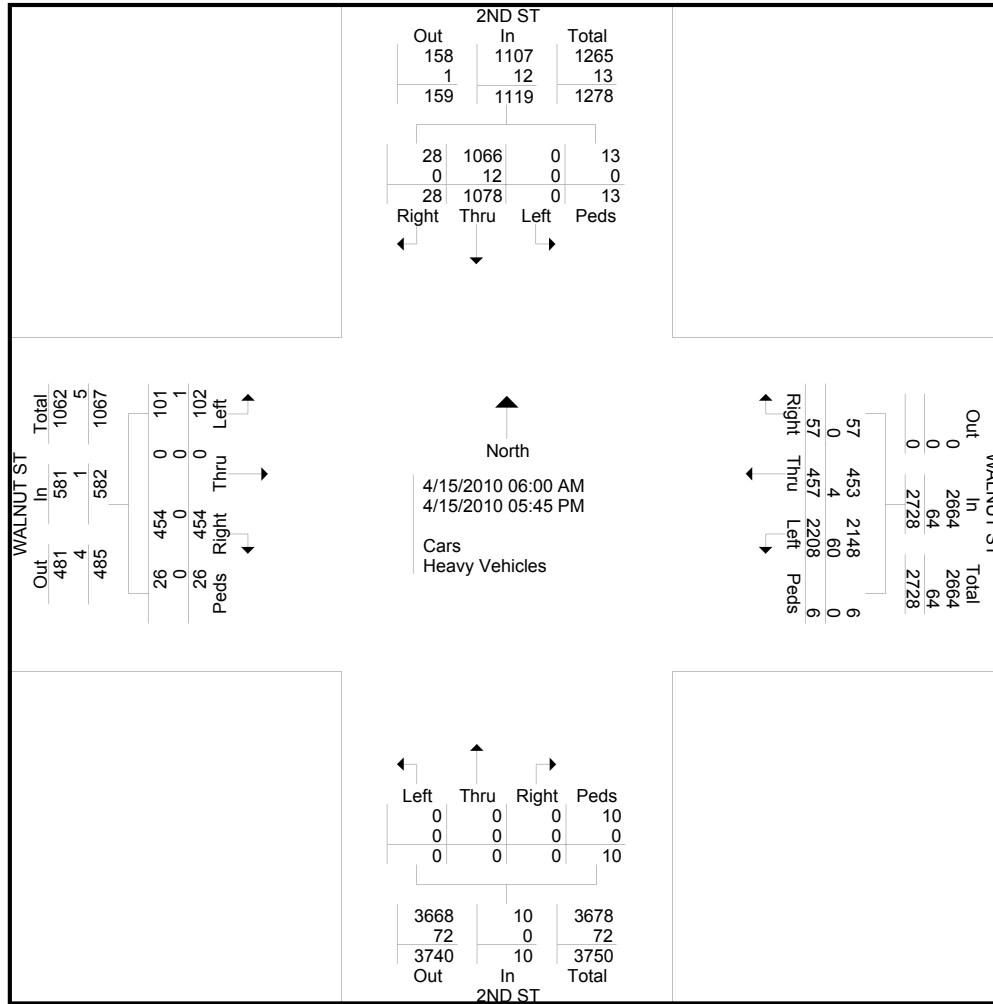
	2ND ST Southbound					WALNUT ST Westbound					2ND ST Northbound					WALNUT ST Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 AM	1	5	0	0	6	2	2	38	0	42	0	0	0	0	0	9	0	14	1	24	72
06:15 AM	0	5	0	0	5	0	8	71	0	79	0	0	0	0	0	10	0	0	0	10	94
06:30 AM	0	16	0	1	17	0	7	76	0	83	0	0	0	0	0	19	0	1	1	21	121
06:45 AM	0	15	0	3	18	4	9	82	1	96	0	0	0	0	0	6	0	0	0	6	120
Total	1	41	0	4	46	6	26	267	1	300	0	0	0	0	0	44	0	15	2	61	407
07:00 AM	1	40	0	0	41	1	6	98	0	105	0	0	0	1	1	12	0	2	0	14	161
07:15 AM	1	42	0	3	46	3	27	79	0	109	0	0	0	0	0	23	0	5	0	28	183
07:30 AM	2	71	0	0	73	7	21	112	0	140	0	0	0	1	1	27	0	5	0	32	246
07:45 AM	0	41	0	0	41	1	17	83	0	101	0	0	0	0	0	15	0	3	1	19	161
Total	4	194	0	3	201	12	71	372	0	455	0	0	0	2	2	77	0	15	1	93	751
08:00 AM	1	25	0	0	26	2	13	62	0	77	0	0	0	0	0	12	0	1	0	13	116
08:15 AM	2	60	0	0	62	0	14	69	0	83	0	0	0	0	0	24	0	3	1	28	173
08:30 AM	0	51	0	2	53	1	12	55	0	68	0	0	0	0	0	15	0	3	0	18	139
08:45 AM	1	41	0	0	42	1	9	80	0	90	0	0	0	0	0	12	0	3	0	15	147
Total	4	177	0	2	183	4	48	266	0	318	0	0	0	0	0	63	0	10	1	74	575
*** BREAK ***																					
03:00 PM	1	68	0	0	69	3	21	114	0	138	0	0	0	2	2	22	0	6	5	33	242
03:15 PM	1	44	0	0	45	3	23	102	0	128	0	0	0	0	0	15	0	4	0	19	192
03:30 PM	3	83	0	0	86	3	27	116	0	146	0	0	0	0	0	28	0	10	3	41	273
03:45 PM	1	51	0	0	52	3	26	121	1	151	0	0	0	0	0	14	0	1	5	20	223
Total	6	246	0	0	252	12	97	453	1	563	0	0	0	2	2	79	0	21	13	113	930
04:00 PM	1	63	0	2	66	2	34	139	1	176	0	0	0	0	0	24	0	7	0	31	273
04:15 PM	1	52	0	0	53	3	31	111	0	145	0	0	0	0	0	30	0	8	1	39	237
04:30 PM	2	55	0	0	57	1	20	111	1	133	0	0	0	0	0	23	0	4	0	27	217
04:45 PM	3	59	0	1	63	5	20	89	0	114	0	0	0	0	0	22	0	2	1	25	202
Total	7	229	0	3	239	11	105	450	2	568	0	0	0	0	0	99	0	21	2	122	929
05:00 PM	1	47	0	1	49	3	24	121	1	149	0	0	0	3	3	22	0	8	4	34	235
05:15 PM	2	42	0	0	44	1	24	95	0	120	0	0	0	0	0	27	0	6	2	35	199
05:30 PM	2	55	0	0	57	3	30	93	0	126	0	0	0	3	3	18	0	2	0	20	206
05:45 PM	1	47	0	0	48	5	32	91	1	129	0	0	0	0	0	25	0	4	1	30	207
Total	6	191	0	1	198	12	110	400	2	524	0	0	0	6	6	92	0	20	7	119	847
Grand Total	28	1078	0	13	1119	57	457	2208	6	2728	0	0	0	10	10	454	0	102	26	582	4439
Apprch %	2.5	96.3	0	1.2		2.1	16.8	80.9	0.2		0	0	0	100		78	0	17.5	4.5		
Total %	0.6	24.3	0	0.3	25.2	1.3	10.3	49.7	0.1	61.5	0	0	0	0.2	0.2	10.2	0	2.3	0.6	13.1	
Cars	28	1066	0	13	1107	57	453	2148	6	2664	0	0	0	10	10	454	0	101	26	581	4362
% Cars	100	98.9	0	100	98.9	100	99.1	97.3	100	97.7	0	0	0	100	100	100	0	99	100	99.8	98.3
Heavy Vehicles	0	12	0	0	12	0	4	60	0	64	0	0	0	0	0	0	0	1	0	1	77
% Heavy Vehicles	0	1.1	0	0	1.1	0	0.9	2.7	0	2.3	0	0	0	0	0	0	0	1	0	0.2	1.7

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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location:Columbia, PA
Intersection: 2nd St/Walnut,St
Date:Thursday,April 15,2010
Counter: CMK

File Name : SM0415-11
Site Code : 00000000
Start Date : 4/15/2010
Page No : 2



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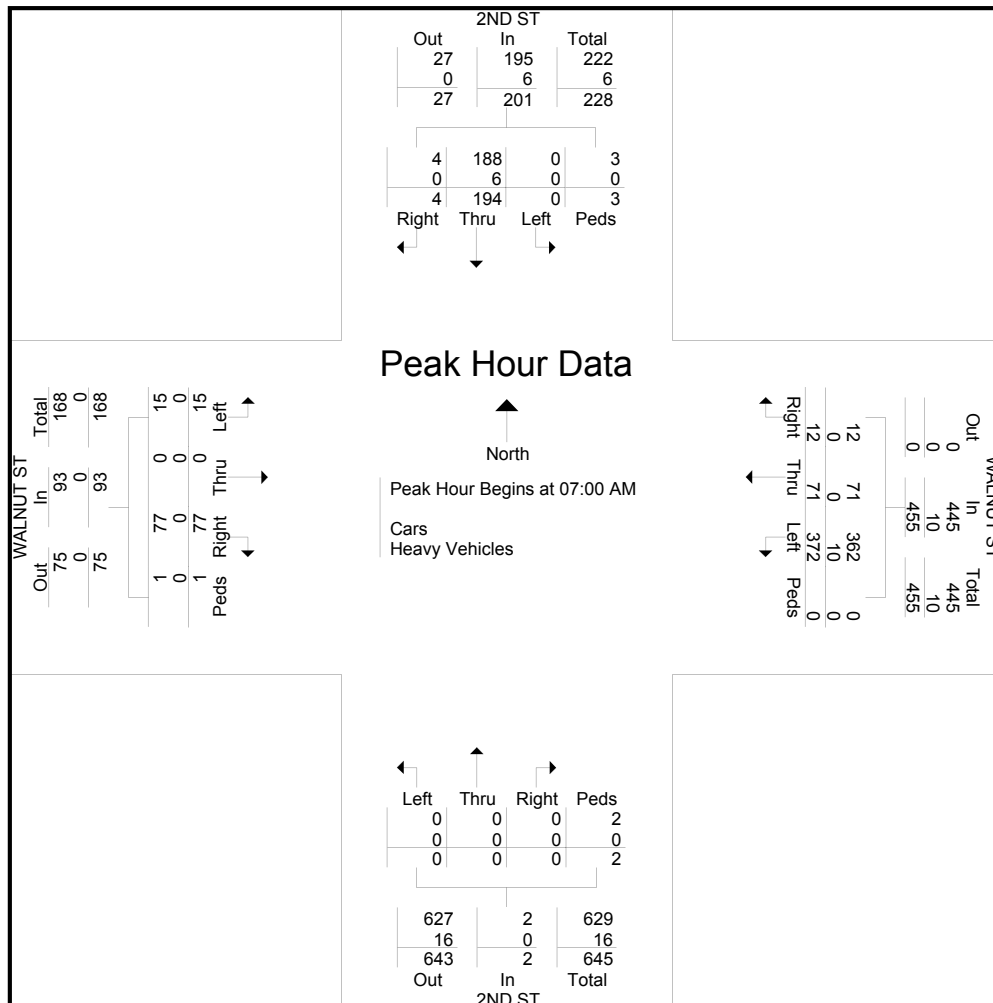
Tri-State Traffic Data, Inc.

610-466-1469
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Location: Columbia, PA
Intersection: 2nd St/Walnut, St
Date: Thursday, April 15, 2010
Counter: CMK

File Name : SM0415-11
Site Code : 00000000
Start Date : 4/15/2010
Page No : 3

	2ND ST Southbound					WALNUT ST Westbound					2ND ST Northbound					WALNUT ST Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	1	40	0	0	41	1	6	98	0	105	0	0	0	1	1	12	0	2	0	14	161
07:15 AM	1	42	0	3	46	3	27	79	0	109	0	0	0	0	0	23	0	5	0	28	183
07:30 AM	2	71	0	0	73	7	21	112	0	140	0	0	0	1	1	27	0	5	0	32	246
07:45 AM	0	41	0	0	41	1	17	83	0	101	0	0	0	0	0	15	0	3	1	19	161
Total Volume	4	194	0	3	201	12	71	372	0	455	0	0	0	2	2	77	0	15	1	93	751
% App. Total	2	96.5	0	1.5		2.6	15.6	81.8	0		0	0	0	100		82.8	0	16.1	1.1		
PHF	.500	.683	.000	.250	.688	.429	.657	.830	.000	.813	.000	.000	.000	.500	.500	.713	.000	.750	.250	.727	.763
Cars	4	188	0	3	195	12	71	362	0	445	0	0	0	2	2	77	0	15	1	93	735
% Cars	100	96.9	0	100	97.0	100	100	97.3	0	97.8	0	0	0	100	100	100	0	100	100	100	97.9
Heavy Vehicles																					
% Heavy Vehicles	0	3.1	0	0	3.0	0	0	2.7	0	2.2	0	0	0	0	0	0	0	0	0	0	2.1

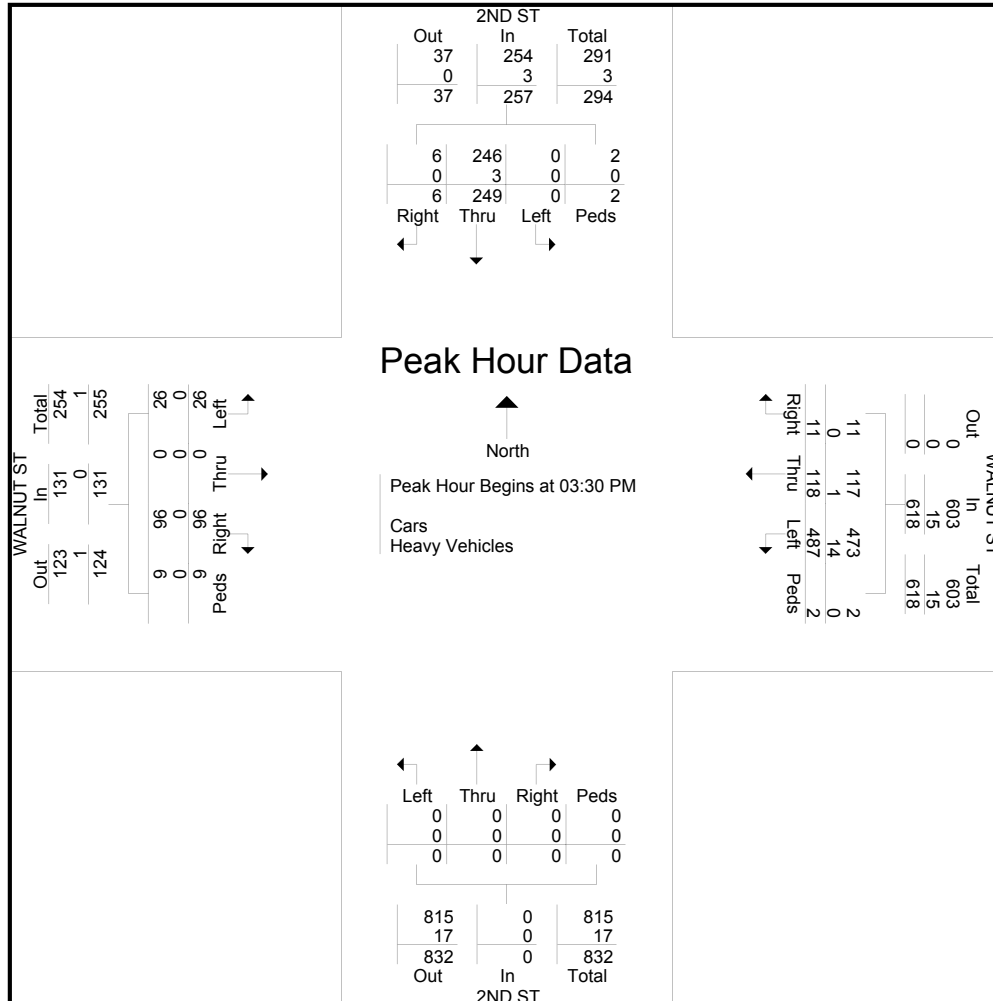


Controlled Document
Tri-State Traffic Data, Inc.
610-466-1469
www.TSTData.com

Location: Columbia, PA
Intersection: 2nd St/Walnut, St
Date: Thursday, April 15, 2010
Counter: CMK

File Name : SM0415-11
Site Code : 00000000
Start Date : 4/15/2010
Page No : 4

	2ND ST Southbound					WALNUT ST Westbound					2ND ST Northbound					WALNUT ST Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 03:30 PM																					
03:30 PM	3	83	0	0	86	3	27	116	0	146	0	0	0	0	0	28	0	10	3	41	273
03:45 PM	1	51	0	0	52	3	26	121	1	151	0	0	0	0	0	14	0	1	5	20	223
04:00 PM	1	63	0	2	66	2	34	139	1	176	0	0	0	0	0	24	0	7	0	31	273
04:15 PM	1	52	0	0	53	3	31	111	0	145	0	0	0	0	0	30	0	8	1	39	237
Total Volume	6	249	0	2	257	11	118	487	2	618	0	0	0	0	0	96	0	26	9	131	1006
% App. Total	2.3	96.9	0	0.8		1.8	19.1	78.8	0.3		0	0	0	0	0	73.3	0	19.8	6.9		
PHF	.500	.750	.000	.250	.747	.917	.868	.876	.500	.878	.000	.000	.000	.000	.000	.800	.000	.650	.450	.799	.921
Cars	6	246	0	2	254	11	117	473	2	603	0	0	0	0	0	96	0	26	9	131	988
% Cars	100	98.8	0	100	98.8	100	99.2	97.1	100	97.6	0	0	0	0	0	100	0	100	100	100	98.2
Heavy Vehicles																					
% Heavy Vehicles	0	1.2	0	0	1.2	0	0.8	2.9	0	2.4	0	0	0	0	0	0	0	0	0	0	1.8



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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: Front St/ Walnut Street
Date: Thursday, April 15, 2010
Counter: pb

File Name : SM0415-12
Site Code : 00000000
Start Date : 4/15/2010
Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	Front St Southbound				Front St Northbound				Walnut St Eastbound				Int. Total
	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	
06:00 AM	48	0	0	48	93	1	0	94	0	0	0	0	142
06:15 AM	68	0	0	68	116	5	0	121	0	0	0	0	189
06:30 AM	76	0	0	76	131	8	0	139	0	0	0	0	215
06:45 AM	71	0	1	72	139	10	0	149	0	0	0	0	221
Total	263	0	1	264	479	24	0	503	0	0	0	0	767
07:00 AM	105	0	0	105	142	6	0	148	0	0	0	0	253
07:15 AM	84	0	0	84	168	31	0	199	0	0	0	0	283
07:30 AM	109	0	0	109	153	30	0	183	0	0	0	0	292
07:45 AM	91	0	0	91	118	17	0	135	0	0	0	0	226
Total	389	0	0	389	581	84	0	665	0	0	0	0	1054
08:00 AM	51	0	0	51	88	17	0	105	0	0	0	0	156
08:15 AM	72	0	0	72	126	13	0	139	0	0	0	0	211
08:30 AM	59	0	0	59	93	11	0	104	0	0	0	0	163
08:45 AM	79	0	0	79	84	7	0	91	0	0	0	0	170
Total	261	0	0	261	391	48	0	439	0	0	0	0	700
*** BREAK ***													
03:00 PM	112	2	0	114	132	23	0	155	0	0	0	0	269
03:15 PM	110	0	0	110	118	27	0	145	0	0	0	0	255
03:30 PM	124	0	0	124	153	26	0	179	0	0	0	0	303
03:45 PM	122	0	0	122	124	24	0	148	0	0	0	0	270
Total	468	2	0	470	527	100	0	627	0	0	0	0	1097
04:00 PM	146	0	0	146	155	32	0	187	0	0	0	0	333
04:15 PM	111	0	0	111	114	29	0	143	0	0	0	0	254
04:30 PM	111	0	1	112	138	16	0	154	0	0	0	0	266
04:45 PM	94	0	0	94	137	22	0	159	0	0	0	0	253
Total	462	0	1	463	544	99	0	643	0	0	0	0	1106
05:00 PM	123	0	1	124	130	23	0	153	0	0	0	0	277
05:15 PM	91	0	0	91	144	28	0	172	0	0	0	0	263
05:30 PM	103	0	0	103	134	27	0	161	0	0	0	0	264
05:45 PM	81	0	0	81	170	38	0	208	0	0	0	0	289
Total	398	0	1	399	578	116	0	694	0	0	0	0	1093
Grand Total	2241	2	3	2246	3100	471	0	3571	0	0	0	0	5817
Apprch %	99.8	0.1	0.1		86.8	13.2	0		0	0	0		
Total %	38.5	0	0.1	38.6	53.3	8.1	0	61.4	0	0	0	0	
Cars	2181	2	3	2186	3013	467	0	3480	0	0	0	0	5666
% Cars	97.3	100	100	97.3	97.2	99.2	0	97.5	0	0	0	0	97.4
Heavy Vehicles	60	0	0	60	87	4	0	91	0	0	0	0	151
% Heavy Vehicles	2.7	0	0	2.7	2.8	0.8	0	2.5	0	0	0	0	2.6

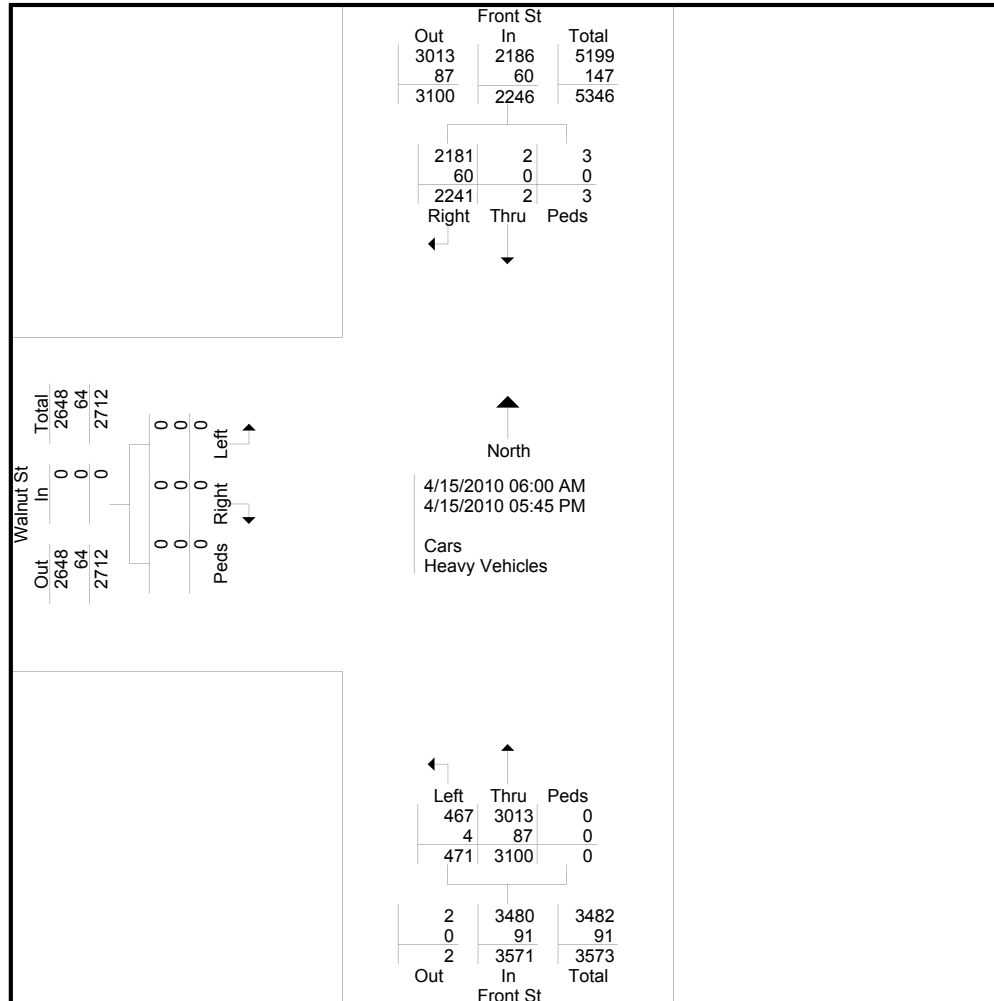
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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: Front St/ Walnut Street
Date: Thursday, April 15, 2010
Counter: pb

File Name : SM0415-12
Site Code : 00000000
Start Date : 4/15/2010
Page No : 2



Controlled Document

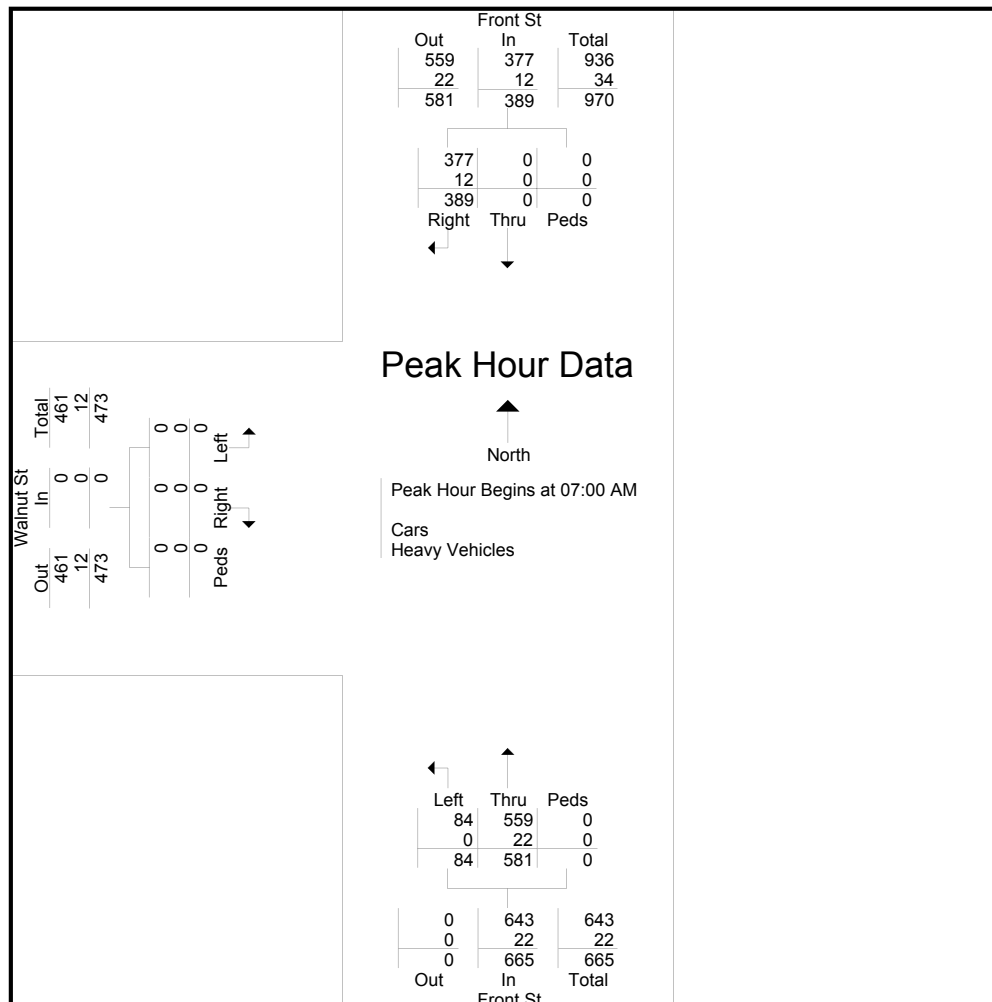
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Location: Columbia County, PA
Intersection: Front St/ Walnut Street
Date: Thursday, April 15, 2010
Counter: pb

File Name : SM0415-12
Site Code : 00000000
Start Date : 4/15/2010
Page No : 3

	Front St Southbound				Front St Northbound				Walnut St Eastbound				
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:00 AM													
07:00 AM	105	0	0	105	142	6	0	148	0	0	0	0	253
07:15 AM	84	0	0	84	168	31	0	199	0	0	0	0	283
07:30 AM	109	0	0	109	153	30	0	183	0	0	0	0	292
07:45 AM	91	0	0	91	118	17	0	135	0	0	0	0	226
Total Volume	389	0	0	389	581	84	0	665	0	0	0	0	1054
% App. Total	100	0	0		87.4	12.6	0		0	0	0		
PHF	.892	.000	.000	.892	.865	.677	.000	.835	.000	.000	.000	.000	.902
Cars	377	0	0	377	559	84	0	643	0	0	0	0	1020
% Cars	96.9	0	0	96.9	96.2	100	0	96.7	0	0	0	0	96.8
Heavy Vehicles	12	0	0	12	22	0	0	22	0	0	0	0	34
% Heavy Vehicles	3.1	0	0	3.1	3.8	0	0	3.3	0	0	0	0	3.2



Controlled Document

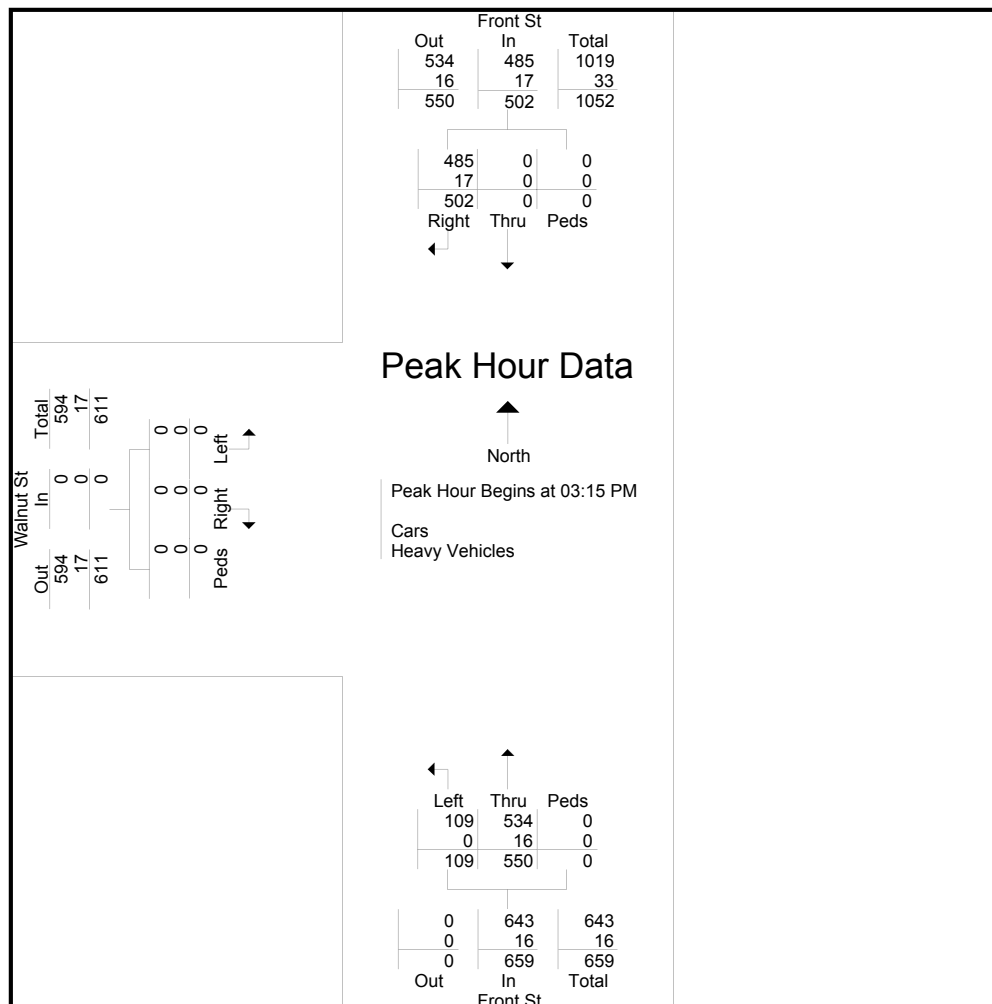
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: Front St/ Walnut Street
Date: Thursday, April 15, 2010
Counter: pb

File Name : SM0415-12
Site Code : 00000000
Start Date : 4/15/2010
Page No : 4

	Front St Southbound				Front St Northbound				Walnut St Eastbound				
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 03:15 PM													
03:15 PM	110	0	0	110	118	27	0	145	0	0	0	0	255
03:30 PM	124	0	0	124	153	26	0	179	0	0	0	0	303
03:45 PM	122	0	0	122	124	24	0	148	0	0	0	0	270
04:00 PM	146	0	0	146	155	32	0	187	0	0	0	0	333
Total Volume	502	0	0	502	550	109	0	659	0	0	0	0	1161
% App. Total	100	0	0		83.5	16.5	0		0	0	0		
PHF	.860	.000	.000	.860	.887	.852	.000	.881	.000	.000	.000	.000	.872
Cars	485	0	0	485	534	109	0	643	0	0	0	0	1128
% Cars	96.6	0	0	96.6	97.1	100	0	97.6	0	0	0	0	97.2
Heavy Vehicles	17	0	0	17	16	0	0	16	0	0	0	0	33
% Heavy Vehicles	3.4	0	0	3.4	2.9	0	0	2.4	0	0	0	0	2.8



Controlled Document
Tri-State Traffic Data, Inc.
610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: 3rd St / Broad St
Date: Tuesday, April 13, 2010
Counter: RZ

File Name : SM0413-13
Site Code : 00000000
Start Date : 4/13/2010
Page No : 1

Groups Printed- Cars - Heavy Vehicles

	BROAD ST Southbound					3RD ST Westbound					BROAD ST Northbound					3RD ST Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 AM	1	1	2	0	4	0	38	7	0	45	0	1	21	0	22	0	41	0	0	41	112
06:15 AM	1	1	0	0	2	0	42	6	0	48	0	0	25	0	25	3	39	0	0	42	117
06:30 AM	2	1	0	0	3	0	58	11	0	69	2	1	27	0	30	8	52	0	0	60	162
06:45 AM	1	4	2	0	7	2	58	9	0	69	4	3	36	0	43	12	40	0	0	52	171
Total	5	7	4	0	16	2	196	33	0	231	6	5	109	0	120	23	172	0	0	195	562
07:00 AM	1	5	0	2	8	0	61	8	2	71	9	1	26	2	38	7	57	3	0	67	184
07:15 AM	1	4	2	0	7	0	103	19	0	122	9	3	50	0	62	3	51	0	0	54	245
07:30 AM	3	1	1	0	5	0	93	11	0	104	7	1	35	0	43	14	62	0	0	76	228
07:45 AM	4	2	0	0	6	1	112	15	0	128	14	4	33	0	51	11	58	0	0	69	254
Total	9	12	3	2	26	1	369	53	2	425	39	9	144	2	194	35	228	3	0	266	911
08:00 AM	4	1	1	0	6	0	61	10	0	71	12	2	29	0	43	4	55	0	0	59	179
08:15 AM	1	0	2	0	3	1	67	4	0	72	11	4	41	0	56	18	58	2	0	78	209
08:30 AM	1	1	1	0	3	0	71	10	0	81	5	0	20	0	25	7	56	2	0	65	174
08:45 AM	3	2	2	0	7	2	67	12	0	81	3	0	26	3	32	9	42	0	0	51	171
Total	9	4	6	0	19	3	266	36	0	305	31	6	116	3	156	38	211	4	0	253	733
*** BREAK ***																					
03:00 PM	2	4	2	0	8	1	66	4	0	71	15	2	19	1	37	38	74	0	2	114	230
03:15 PM	2	5	2	0	9	2	83	7	0	92	14	3	31	0	48	33	71	3	0	107	256
03:30 PM	3	2	1	3	9	1	84	3	0	88	15	3	35	0	53	26	83	1	0	110	260
03:45 PM	1	4	1	1	7	1	89	8	0	98	11	10	30	1	52	36	61	1	0	98	255
Total	8	15	6	4	33	5	322	22	0	349	55	18	115	2	190	133	289	5	2	429	1001
04:00 PM	1	1	5	0	7	0	68	7	4	79	12	2	21	4	39	32	86	0	2	120	245
04:15 PM	2	2	2	0	6	1	74	6	2	83	11	1	26	1	39	31	102	3	0	136	264
04:30 PM	0	2	0	0	2	0	85	9	0	94	11	3	30	1	45	32	96	1	0	129	270
04:45 PM	1	1	1	0	3	0	89	5	0	94	18	3	23	2	46	20	98	3	0	121	264
Total	4	6	8	0	18	1	316	27	6	350	52	9	100	8	169	115	382	7	2	506	1043
05:00 PM	2	2	0	0	4	2	74	9	0	85	15	3	20	1	39	34	102	1	0	137	265
05:15 PM	1	1	0	0	2	1	106	7	0	114	15	3	28	0	46	29	84	0	0	113	275
05:30 PM	1	4	0	0	5	0	91	9	0	100	17	2	29	0	48	17	76	1	2	96	249
05:45 PM	2	0	5	3	10	0	74	7	1	82	13	0	24	0	37	22	81	0	2	105	234
Total	6	7	5	3	21	3	345	32	1	381	60	8	101	1	170	102	343	2	4	451	1023
Grand Total	41	51	32	9	133	15	1814	203	9	2041	243	55	685	16	999	446	1625	21	8	2100	5273
Apprch %	30.8	38.3	24.1	6.8		0.7	88.9	9.9	0.4		24.3	5.5	68.6	1.6		21.2	77.4	1	0.4		
Total %	0.8	1	0.6	0.2	2.5	0.3	34.4	3.8	0.2	38.7	4.6	1	13	0.3	18.9	8.5	30.8	0.4	0.2	39.8	
Cars	41	51	32	9	133	13	1773	195	9	1990	229	55	674	16	974	442	1581	21	8	2052	5149
% Cars	100	100	100	100	100	86.7	97.7	96.1	100	97.5	94.2	100	98.4	100	97.5	99.1	97.3	100	100	97.7	97.6
Heavy Vehicles	0	0	0	0	0	2	41	8	0	51	14	0	11	0	25	4	44	0	0	48	124
% Heavy Vehicles	0	0	0	0	0	13.3	2.3	3.9	0	2.5	5.8	0	1.6	0	2.5	0.9	2.7	0	0	2.3	2.4

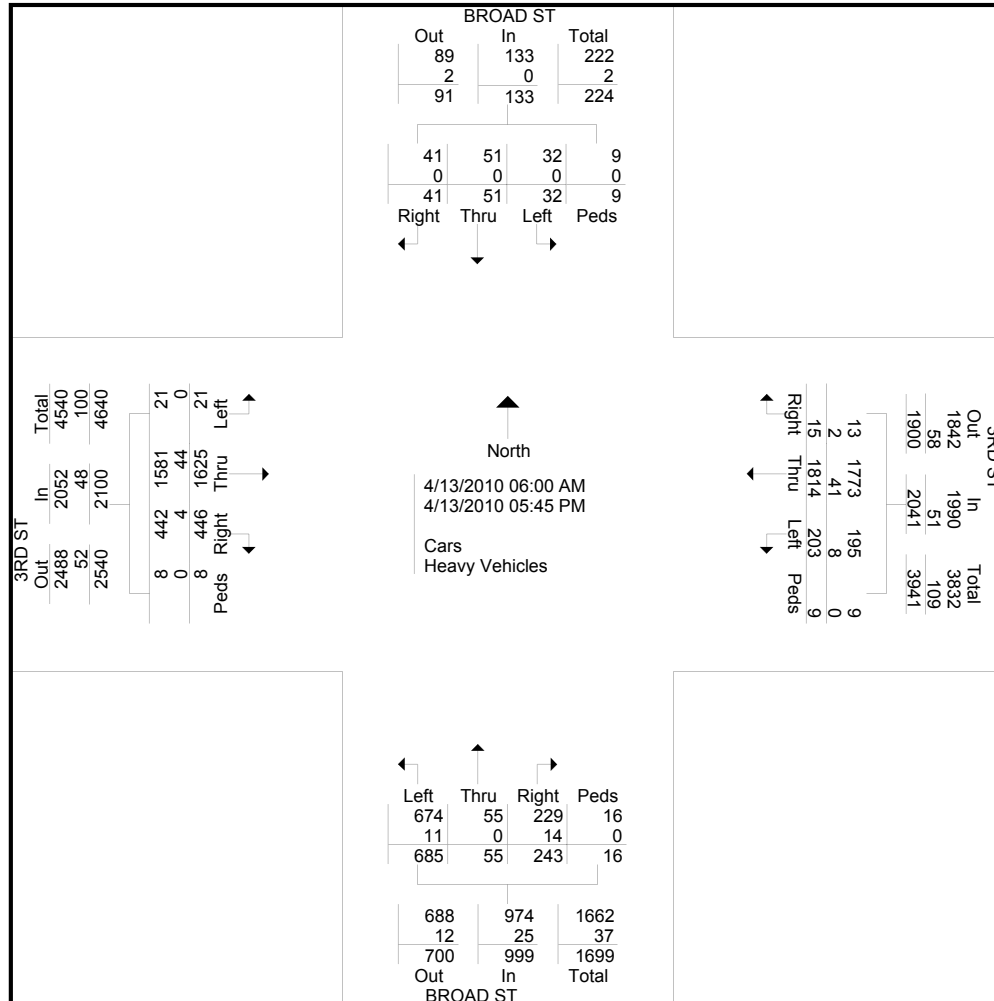
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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: 3rd St / Broad St
Date: Tuesday, April 13, 2010
Counter: RZ

File Name : SM0413-13
Site Code : 00000000
Start Date : 4/13/2010
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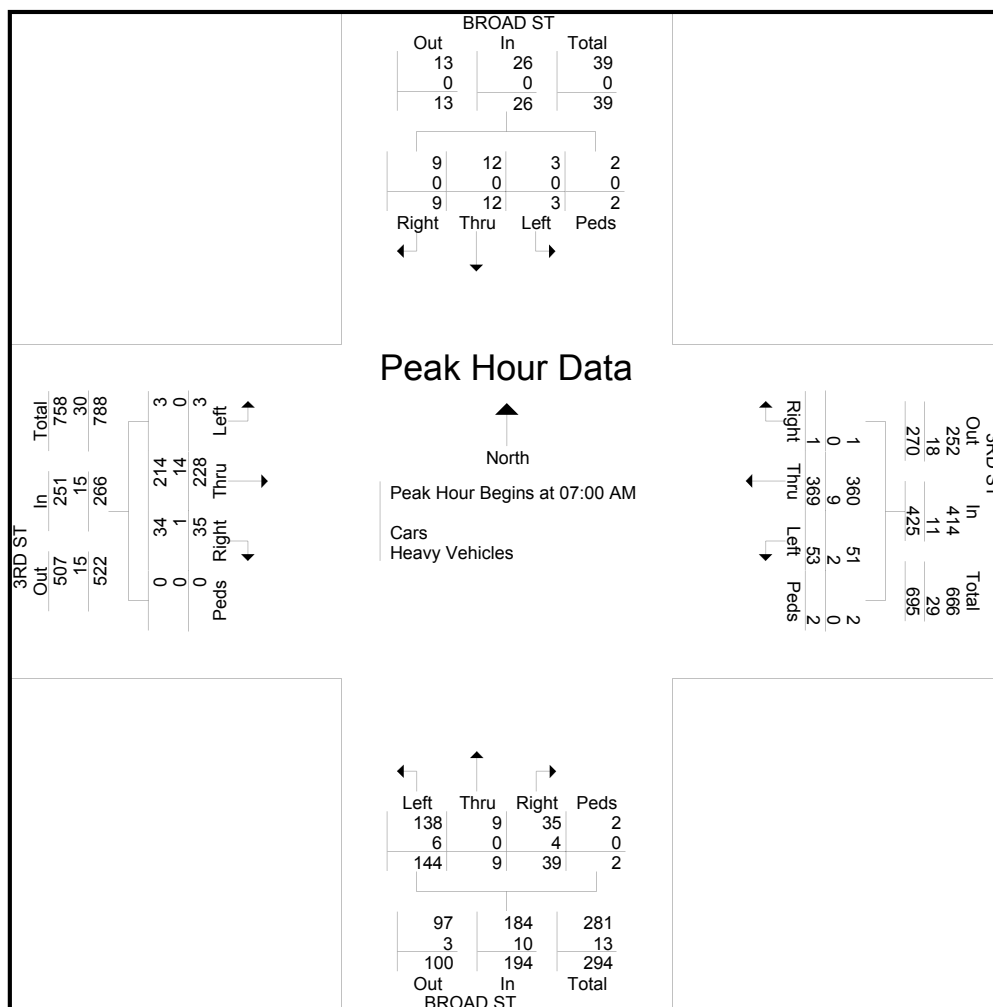
Tri-State Traffic Data, Inc.

610-466-1469
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Location: Columbia County, PA
Intersection: 3rd St / Broad St
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File Name : SM0413-13
Site Code : 00000000
Start Date : 4/13/2010
Page No : 3

	BROAD ST Southbound					3RD ST Westbound					BROAD ST Northbound					3RD ST Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	1	5	0	2	8	0	61	8	2	71	9	1	26	2	38	7	57	3	0	67	184
07:15 AM	1	4	2	0	7	0	103	19	0	122	9	3	50	0	62	3	51	0	0	54	245
07:30 AM	3	1	1	0	5	0	93	11	0	104	7	1	35	0	43	14	62	0	0	76	228
07:45 AM	4	2	0	0	6	1	112	15	0	128	14	4	33	0	51	11	58	0	0	69	254
Total Volume	9	12	3	2	26	1	369	53	2	425	39	9	144	2	194	35	228	3	0	266	911
% App. Total	34.6	46.2	11.5	7.7		0.2	86.8	12.5	0.5		20.1	4.6	74.2	1		13.2	85.7	1.1	0		
PHF	.563	.600	.375	.250	.813	.250	.824	.697	.250	.830	.696	.563	.720	.250	.782	.625	.919	.250	.000	.875	.897
Cars	9	12	3	2	26	1	360	51	2	414	35	9	138	2	184	34	214	3	0	251	875
% Cars	100	100	100	100	100	100	97.6	96.2	100	97.4	89.7	100	95.8	100	94.8	97.1	93.9	100	0	94.4	96.0
Heavy Vehicles																					
% Heavy Vehicles	0	0	0	0	0	0	2.4	3.8	0	2.6	10.3	0	4.2	0	5.2	2.9	6.1	0	0	5.6	4.0



Controlled Document

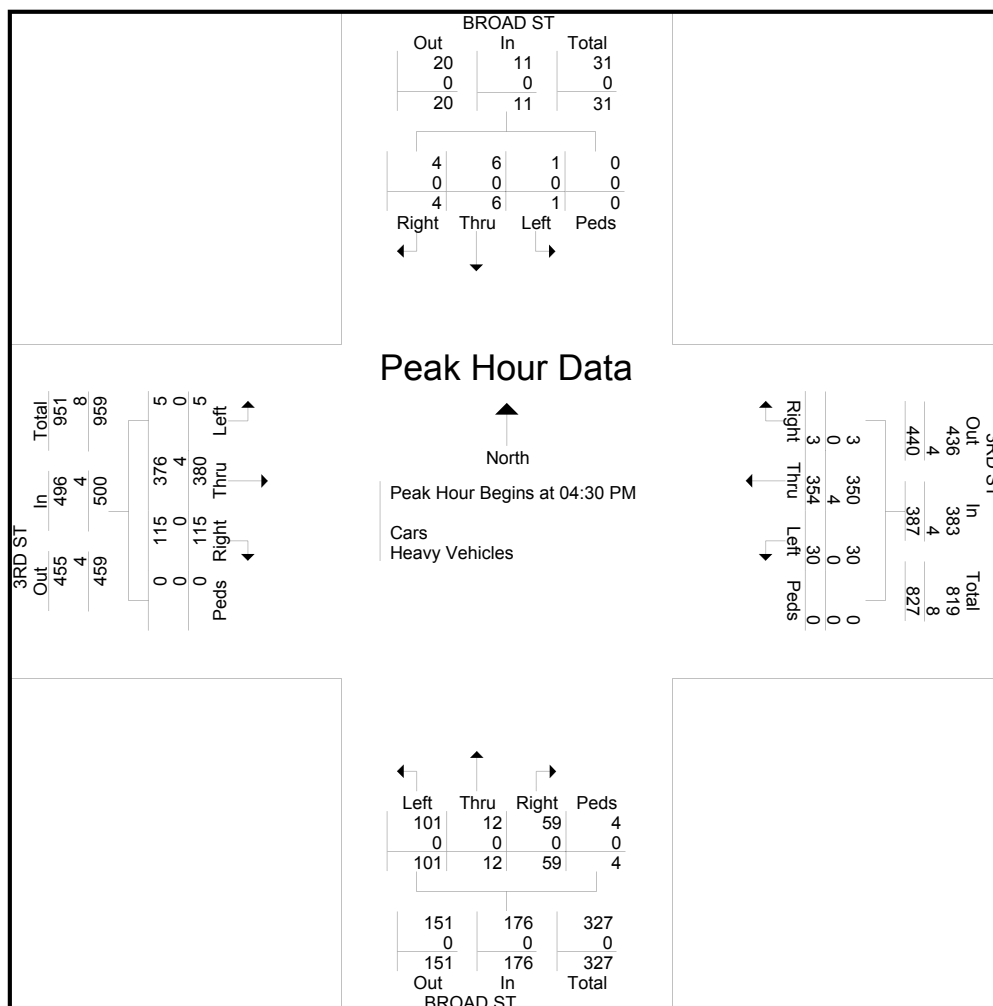
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: 3rd St / Broad St
Date: Tuesday, April 13, 2010
Counter: RZ

File Name : SM0413-13
Site Code : 00000000
Start Date : 4/13/2010
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	BROAD ST Southbound					3RD ST Westbound					BROAD ST Northbound					3RD ST Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	0	2	0	0	2	0	85	9	0	94	11	3	30	1	45	32	96	1	0	129	270
04:45 PM	1	1	1	0	3	0	89	5	0	94	18	3	23	2	46	20	98	3	0	121	264
05:00 PM	2	2	0	0	4	2	74	9	0	85	15	3	20	1	39	34	102	1	0	137	265
05:15 PM	1	1	0	0	2	1	106	7	0	114	15	3	28	0	46	29	84	0	0	113	275
Total Volume	4	6	1	0	11	3	354	30	0	387	59	12	101	4	176	115	380	5	0	500	1074
% App. Total	36.4	54.5	9.1	0		0.8	91.5	7.8	0		33.5	6.8	57.4	2.3		23	76	1	0		
PHF	.500	.750	.250	.000	.688	.375	.835	.833	.000	.849	.819	1.00	.842	.500	.957	.846	.931	.417	.000	.912	.976
Cars	4	6	1	0	11	3	350	30	0	383	59	12	101	4	176	115	376	5	0	496	1066
% Cars	100	100	100	0	100	100	98.9	100	0	99.0	100	100	100	100	100	100	98.9	100	0	99.2	99.3
Heavy Vehicles																					
% Heavy Vehicles	0	0	0	0	0	0	1.1	0	0	1.0	0	0	0	0	0	0	1.1	0	0	0.8	0.7



Tri-State Traffic Data, Inc.

610-466-1469

www.TSTData.com

Location: Columbia County, PA

Intersection: Rt 93 / Dewey St.

Date: Tuesday: April 13, 2010

Counter:JL

File Name : SM0413-14

Site Code : 00000000

Start Date : 4/13/2010

Page No : 1

Groups Printed- Cars - Heavy Vehicles

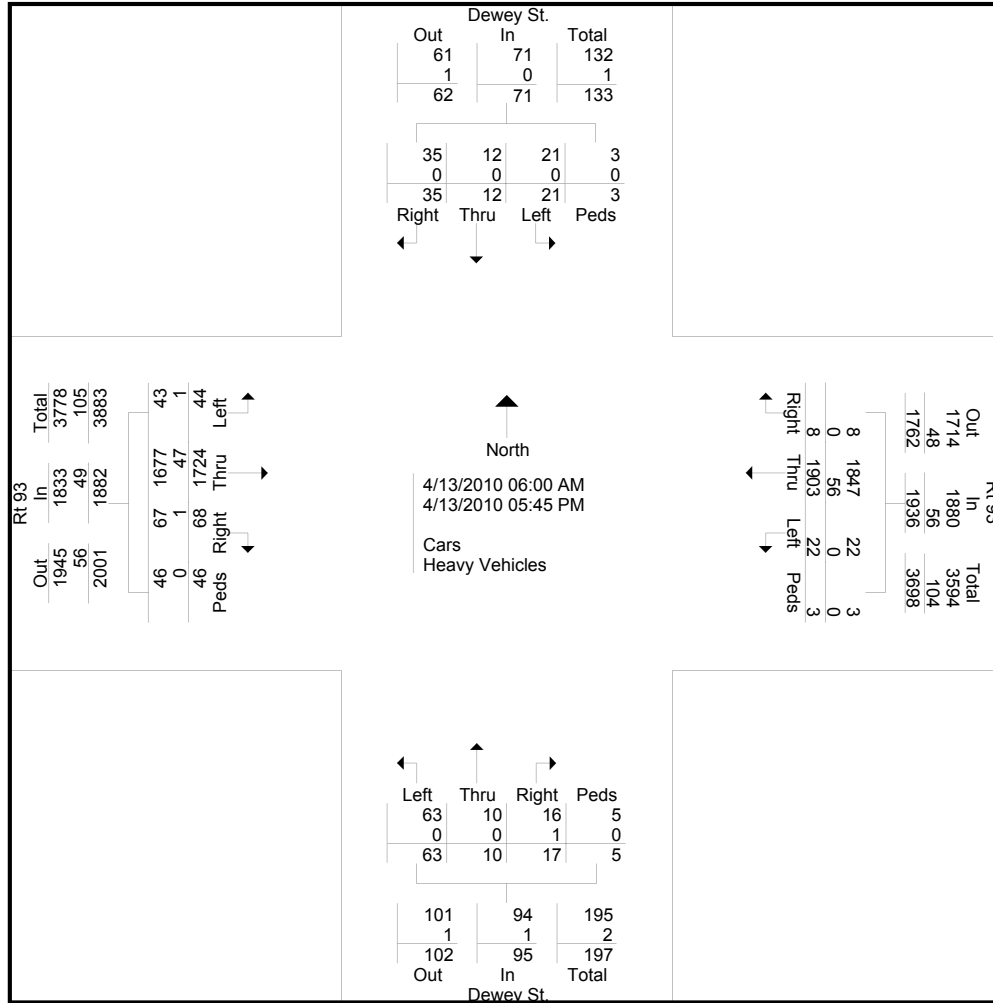
	Dewey St. Southbound					Rt 93 Westbound					Dewey St. Northbound					Rt 93 Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 AM	0	0	2	0	2	0	49	0	0	49	1	0	2	0	3	1	50	0	0	51	105
06:15 AM	0	0	2	0	2	0	68	0	0	68	0	0	0	0	0	0	59	0	0	59	129
06:30 AM	0	0	1	0	1	0	65	0	0	65	0	0	1	0	1	1	44	0	0	45	112
06:45 AM	1	0	0	0	1	0	65	0	0	65	0	0	0	0	0	0	58	0	0	58	124
Total	1	0	5	0	6	0	247	0	0	247	1	0	3	0	4	2	211	0	0	213	470
07:00 AM	3	0	1	0	4	0	70	1	1	72	0	0	4	0	4	0	58	1	8	67	147
07:15 AM	2	2	1	0	5	0	109	4	0	113	1	0	4	0	5	7	62	1	6	76	199
07:30 AM	2	0	1	0	3	0	105	0	0	105	1	0	6	0	7	5	55	2	0	62	177
07:45 AM	1	0	0	0	1	0	115	0	0	115	0	0	1	0	1	3	56	0	0	59	176
Total	8	2	3	0	13	0	399	5	1	405	2	0	15	0	17	15	231	4	14	264	699
08:00 AM	0	2	0	0	2	0	64	4	0	68	0	0	6	0	6	7	57	0	4	68	144
08:15 AM	2	5	1	0	8	0	67	3	0	70	3	2	3	0	8	15	57	3	0	75	161
08:30 AM	4	0	1	0	5	0	65	0	0	65	0	1	1	0	2	3	55	1	0	59	131
08:45 AM	1	0	0	3	4	0	66	0	0	66	2	0	0	0	2	0	43	1	0	44	116
Total	7	7	2	3	19	0	262	7	0	269	5	3	10	0	18	25	212	5	4	246	552
03:00 PM	0	1	2	0	3	1	61	2	0	64	0	1	6	0	7	3	73	4	3	83	157
03:15 PM	1	0	1	0	2	0	76	3	0	79	2	1	5	1	9	6	76	6	20	108	198
03:30 PM	1	0	1	0	2	1	80	1	0	82	1	0	5	1	7	4	93	3	5	105	196
03:45 PM	3	0	0	0	3	0	93	2	0	95	0	0	1	0	1	2	66	3	0	71	170
Total	5	1	4	0	10	2	310	8	0	320	3	2	17	2	24	15	308	16	28	367	721
04:00 PM	1	0	0	0	1	1	74	0	0	75	1	0	2	0	3	2	90	2	0	94	173
04:15 PM	3	2	2	0	7	1	76	0	0	77	1	0	3	0	4	0	104	3	0	107	195
04:30 PM	4	0	1	0	5	0	92	0	0	92	1	1	2	0	4	1	96	3	0	100	201
04:45 PM	2	0	2	0	4	2	95	0	0	97	1	1	2	0	4	0	102	2	0	104	209
Total	10	2	5	0	17	4	337	0	0	341	4	2	9	0	15	3	392	10	0	405	778
05:00 PM	0	0	1	0	1	1	88	0	0	89	0	1	1	0	2	1	107	2	0	110	202
05:15 PM	0	0	0	0	0	0	102	1	0	103	1	2	4	1	8	3	93	1	0	97	208
05:30 PM	2	0	1	0	3	1	89	1	1	92	1	0	2	1	4	1	91	3	0	95	194
05:45 PM	2	0	0	0	2	0	69	0	1	70	0	0	2	1	3	3	79	3	0	85	160
Total	4	0	2	0	6	2	348	2	2	354	2	3	9	3	17	8	370	9	0	387	764
Grand Total	35	12	21	3	71	8	1903	22	3	1936	17	10	63	5	95	68	1724	44	46	1882	3984
Apprch %	49.3	16.9	29.6	4.2		0.4	98.3	1.1	0.2		17.9	10.5	66.3	5.3		3.6	91.6	2.3	2.4		
Total %	0.9	0.3	0.5	0.1	1.8	0.2	47.8	0.6	0.1	48.6	0.4	0.3	1.6	0.1	2.4	1.7	43.3	1.1	1.2	47.2	
Cars	35	12	21	3	71	8	1847									1677					
% Cars	100	100	100	100	100	100	97.1	100	100	97.1	94.1	100	100	100	98.9	98.5	97.3	97.7	100	97.4	97.3
Heavy Vehicles																					
% Heavy Vehicles	0	0	0	0	0	0	2.9	0	0	2.9	5.9	0	0	0	1.1	1.5	2.7	2.3	0	2.6	2.7

Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: Rt 93 / Dewey St.
Date: Tuesday: April 13, 2010
Counter:JL

File Name : SM0413-14
Site Code : 00000000
Start Date : 4/13/2010
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Tri-State Traffic Data, Inc.

610-466-1469

www.TSTData.com

Location: Columbia County, PA

Intersection: Rt 93 / Dewey St.

Date: Tuesday: April 13, 2010

Counter:JL

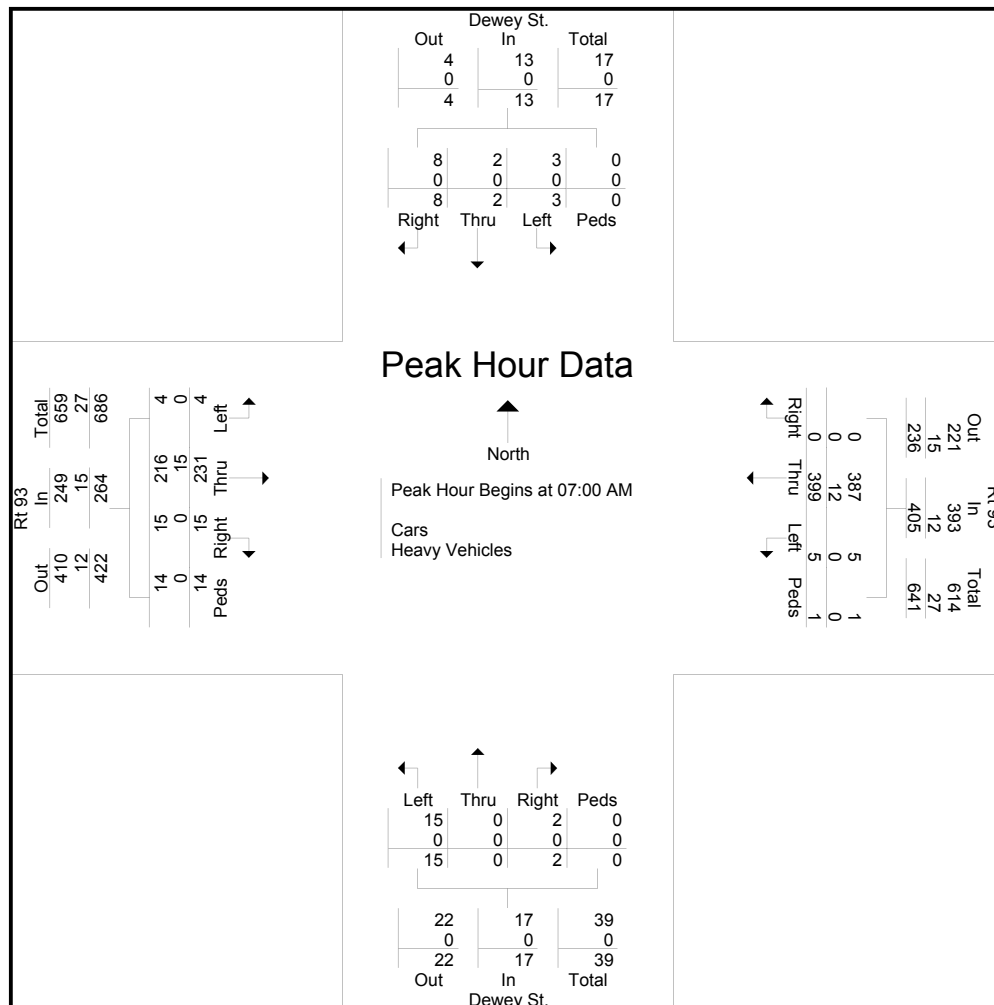
File Name : SM0413-14

Site Code : 00000000

Start Date : 4/13/2010

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	Dewey St. Southbound					Rt 93 Westbound					Dewey St. Northbound					Rt 93 Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	3	0	1	0	4	0	70	1	1	72	0	0	4	0	4	0	58	1	8	67	147
07:15 AM	2	2	1	0	5	0	109	4	0	113	1	0	4	0	5	7	62	1	6	76	199
07:30 AM	2	0	1	0	3	0	105	0	0	105	1	0	6	0	7	5	55	2	0	62	177
07:45 AM	1	0	0	0	1	0	115	0	0	115	0	0	1	0	1	3	56	0	0	59	176
Total Volume	8	2	3	0	13	0	399	5	1	405	2	0	15	0	17	15	231	4	14	264	699
% App. Total	61.5	15.4	23.1	0		0	98.5	1.2	0.2		11.8	0	88.2	0		5.7	87.5	1.5	5.3		
PHF	.667	.250	.750	.000	.650	.000	.867	.313	.250	.880	.500	.000	.625	.000	.607	.536	.931	.500	.438	.868	.878
Cars	8	2	3	0	13	0	387	5	1	393	2	0	15	0	17	15	216	4	14	249	672
% Cars	100	100	100	0	100	0	97.0	100	100	97.0	100	0	100	0	100	100	93.5	100	100	94.3	96.1
Heavy Vehicles																					
% Heavy Vehicles	0	0	0	0	0	0	3.0	0	0	3.0	0	0	0	0	0	0	6.5	0	0	5.7	3.9



Tri-State Traffic Data, Inc.

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Intersection: Rt 93 / Dewey St.

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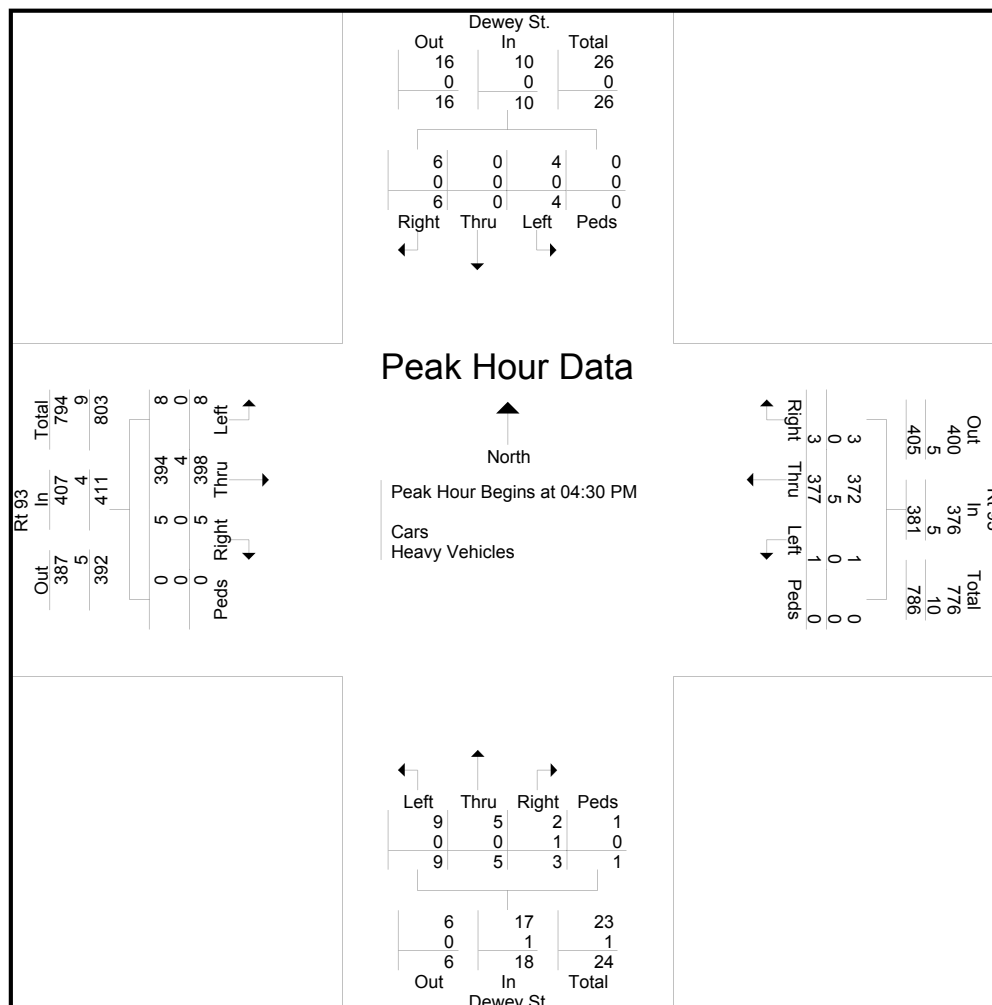
File Name : SM0413-14

Site Code : 00000000

Start Date : 4/13/2010

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	Dewey St. Southbound					Rt 93 Westbound					Dewey St. Northbound					Rt 93 Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	4	0	1	0	5	0	92	0	0	92	1	1	2	0	4	1	96	3	0	100	201
04:45 PM	2	0	2	0	4	2	95	0	0	97	1	1	2	0	4	0	102	2	0	104	209
05:00 PM	0	0	1	0	1	1	88	0	0	89	0	1	1	0	2	1	107	2	0	110	202
05:15 PM	0	0	0	0	0	0	102	1	0	103	1	2	4	1	8	3	93	1	0	97	208
Total Volume	6	0	4	0	10	3	377	1	0	381	3	5	9	1	18	5	398	8	0	411	820
% App. Total	60	0	40	0		0.8	99	0.3	0		16.7	27.8	50	5.6		1.2	96.8	1.9	0		
PHF	.375	.000	.500	.000	.500	.375	.924	.250	.000	.925	.750	.625	.563	.250	.563	.417	.930	.667	.000	.934	.981
Cars	6	0	4	0	10	3	372	1	0	376	2	5	9	1	17	5	394	8	0	407	810
% Cars	100	0	100	0	100	100	98.7	100	0	98.7	66.7	100	100	100	94.4	100	99.0	100	0	99.0	98.8
Heavy Vehicles																					
% Heavy Vehicles	0	0	0	0	0	0	1.3	0	0	1.3	33.3	0	0	0	5.6	0	1.0	0	0	1.0	1.2



Controlled Document

Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: RT 11/SSS Entrance
Date: Tuesday, April 13, 2010
Counter: CMK

File Name : SM0413-15
Site Code : 00000000
Start Date : 4/13/2010
Page No : 1

Groups Printed- Cars - Heavy Vehicles

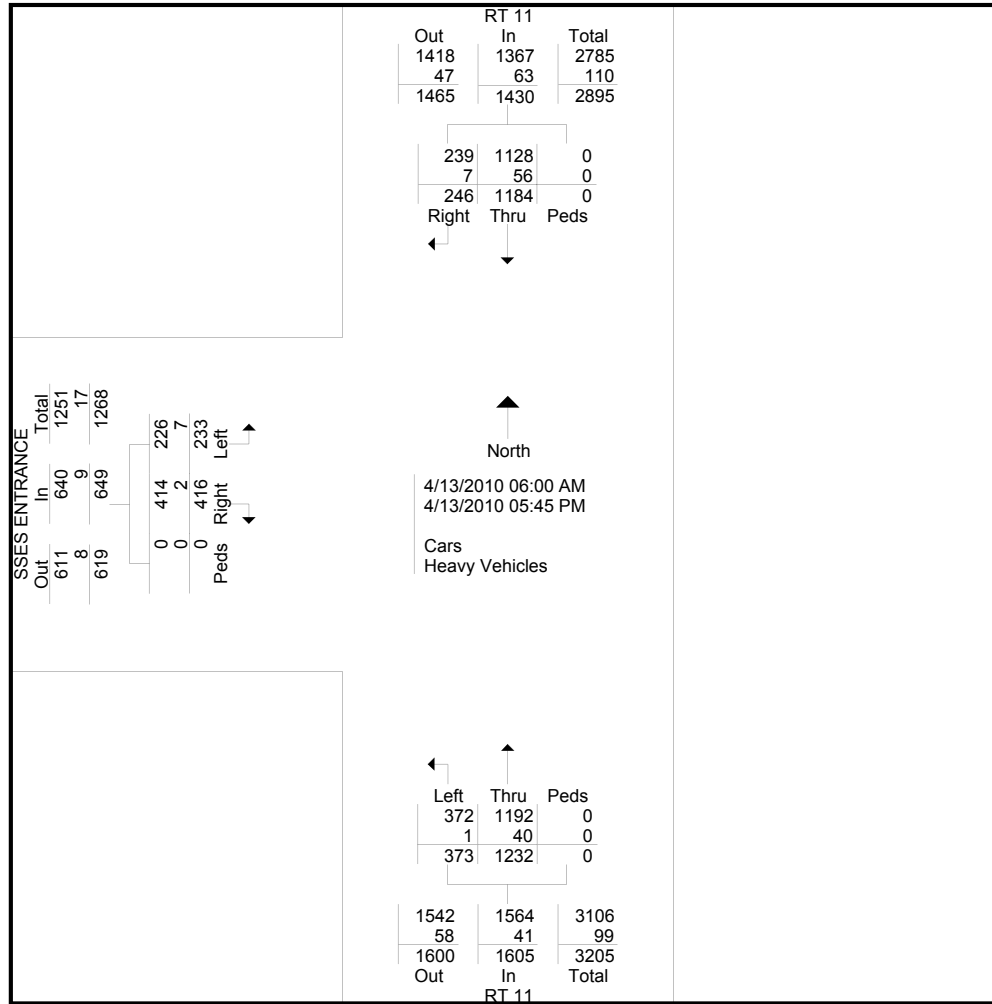
Start Time	RT 11 Southbound				RT 11 Northbound				SSS ENTRANCE Eastbound				Int. Total
	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	
06:00 AM	48	27	0	75	36	60	0	96	24	7	0	31	202
06:15 AM	44	30	0	74	29	63	0	92	6	7	0	13	179
06:30 AM	37	38	0	75	43	54	0	97	14	4	0	18	190
06:45 AM	20	44	0	64	39	43	0	82	36	13	0	49	195
Total	149	139	0	288	147	220	0	367	80	31	0	111	766
07:00 AM	7	50	0	57	45	10	0	55	27	6	0	33	145
07:15 AM	10	54	0	64	77	21	0	98	1	2	0	3	165
07:30 AM	4	77	0	81	77	17	0	94	1	1	0	2	177
07:45 AM	6	54	0	60	37	8	0	45	2	6	0	8	113
Total	27	235	0	262	236	56	0	292	31	15	0	46	600
08:00 AM	5	54	0	59	46	9	0	55	1	2	0	3	117
08:15 AM	4	36	0	40	49	6	0	55	2	3	0	5	100
08:30 AM	5	35	0	40	32	12	0	44	2	1	0	3	87
08:45 AM	7	44	0	51	56	1	0	57	1	3	0	4	112
Total	21	169	0	190	183	28	0	211	6	9	0	15	416
*** BREAK ***													
03:00 PM	2	52	0	54	52	2	0	54	32	22	0	54	162
03:15 PM	2	47	0	49	52	2	0	54	23	15	0	38	141
03:30 PM	4	41	0	45	50	3	0	53	32	14	0	46	144
03:45 PM	0	62	0	62	61	4	0	65	18	7	0	25	152
Total	8	202	0	210	215	11	0	226	105	58	0	163	599
04:00 PM	0	72	0	72	44	2	0	46	49	10	0	59	177
04:15 PM	1	48	0	49	76	1	0	77	12	6	0	18	144
04:30 PM	1	65	0	66	65	7	0	72	17	8	0	25	163
04:45 PM	5	47	0	52	58	6	0	64	20	17	0	37	153
Total	7	232	0	239	243	16	0	259	98	41	0	139	637
05:00 PM	5	49	0	54	48	5	0	53	31	27	0	58	165
05:15 PM	11	55	0	66	70	10	0	80	27	20	0	47	193
05:30 PM	11	56	0	67	46	12	0	58	20	21	0	41	166
05:45 PM	7	47	0	54	44	15	0	59	18	11	0	29	142
Total	34	207	0	241	208	42	0	250	96	79	0	175	666
Grand Total	246	1184	0	1430	1232	373	0	1605	416	233	0	649	3684
Apprch %	17.2	82.8	0		76.8	23.2	0		64.1	35.9	0		
Total %	6.7	32.1	0	38.8	33.4	10.1	0	43.6	11.3	6.3	0	17.6	
Cars	239	1128	0	1367	1192	372	0	1564	414	226	0	640	3571
% Cars	97.2	95.3	0	95.6	96.8	99.7	0	97.4	99.5	97	0	98.6	96.9
Heavy Vehicles	7	56	0	63	40	1	0	41	2	7	0	9	113
% Heavy Vehicles	2.8	4.7	0	4.4	3.2	0.3	0	2.6	0.5	3	0	1.4	3.1

Controlled Document
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: RT 11/SSes Entrance
Date: Tuesday, April 13, 2010
Counter: CMK

File Name : SM0413-15
Site Code : 00000000
Start Date : 4/13/2010
Page No : 2



Controlled Document

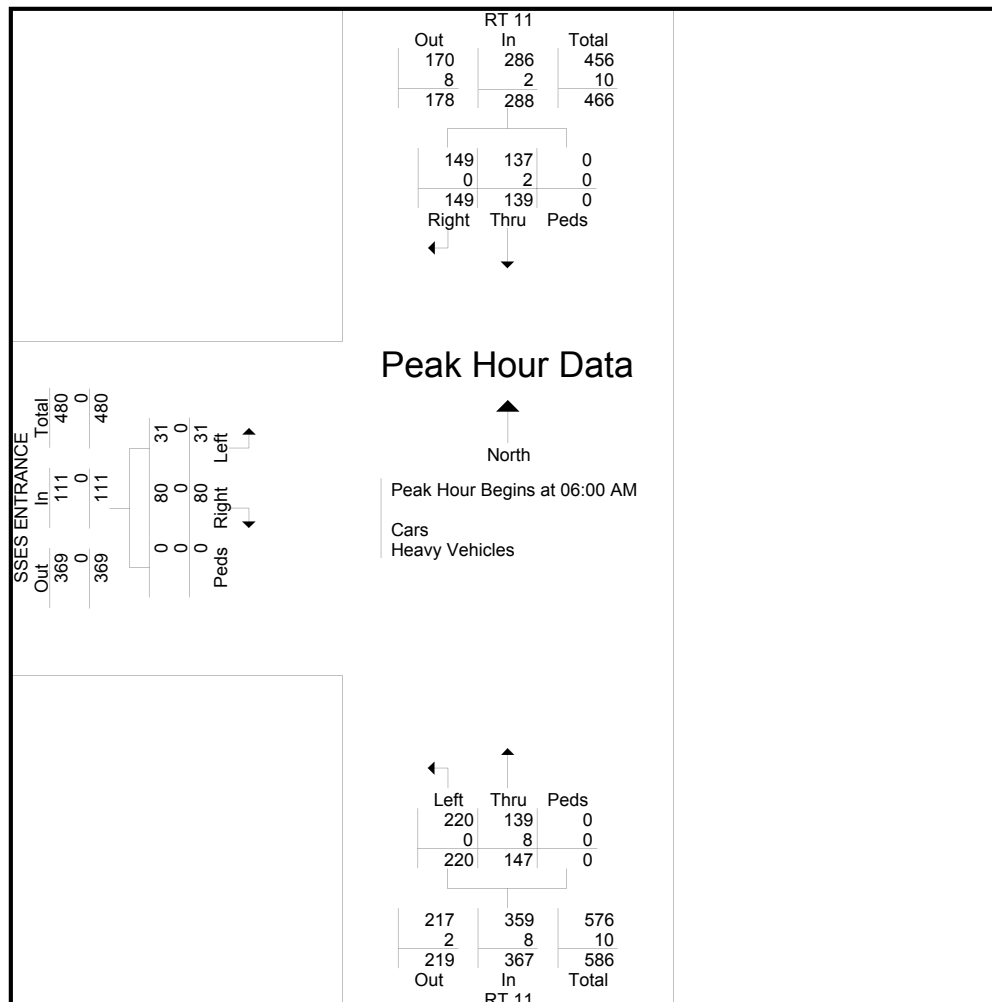
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: RT 11/SSSES Entrance
Date: Tuesday, April 13, 2010
Counter: CMK

File Name : SM0413-15
Site Code : 00000000
Start Date : 4/13/2010
Page No : 3

	RT 11 Southbound				RT 11 Northbound				SSES ENTRANCE Eastbound				
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 06:00 AM													
06:00 AM	48	27	0	75	36	60	0	96	24	7	0	31	202
06:15 AM	44	30	0	74	29	63	0	92	6	7	0	13	179
06:30 AM	37	38	0	75	43	54	0	97	14	4	0	18	190
06:45 AM	20	44	0	64	39	43	0	82	36	13	0	49	195
Total Volume	149	139	0	288	147	220	0	367	80	31	0	111	766
% App. Total	51.7	48.3	0		40.1	59.9	0		72.1	27.9	0		
PHF	.776	.790	.000	.960	.855	.873	.000	.946	.556	.596	.000	.566	.948
Cars	149	137	0	286	139	220	0	359	80	31	0	111	756
% Cars	100	98.6	0	99.3	94.6	100	0	97.8	100	100	0	100	98.7
Heavy Vehicles	0	2	0	2	8	0	0	8	0	0	0	0	10
% Heavy Vehicles	0	1.4	0	0.7	5.4	0	0	2.2	0	0	0	0	1.3



Controlled Document

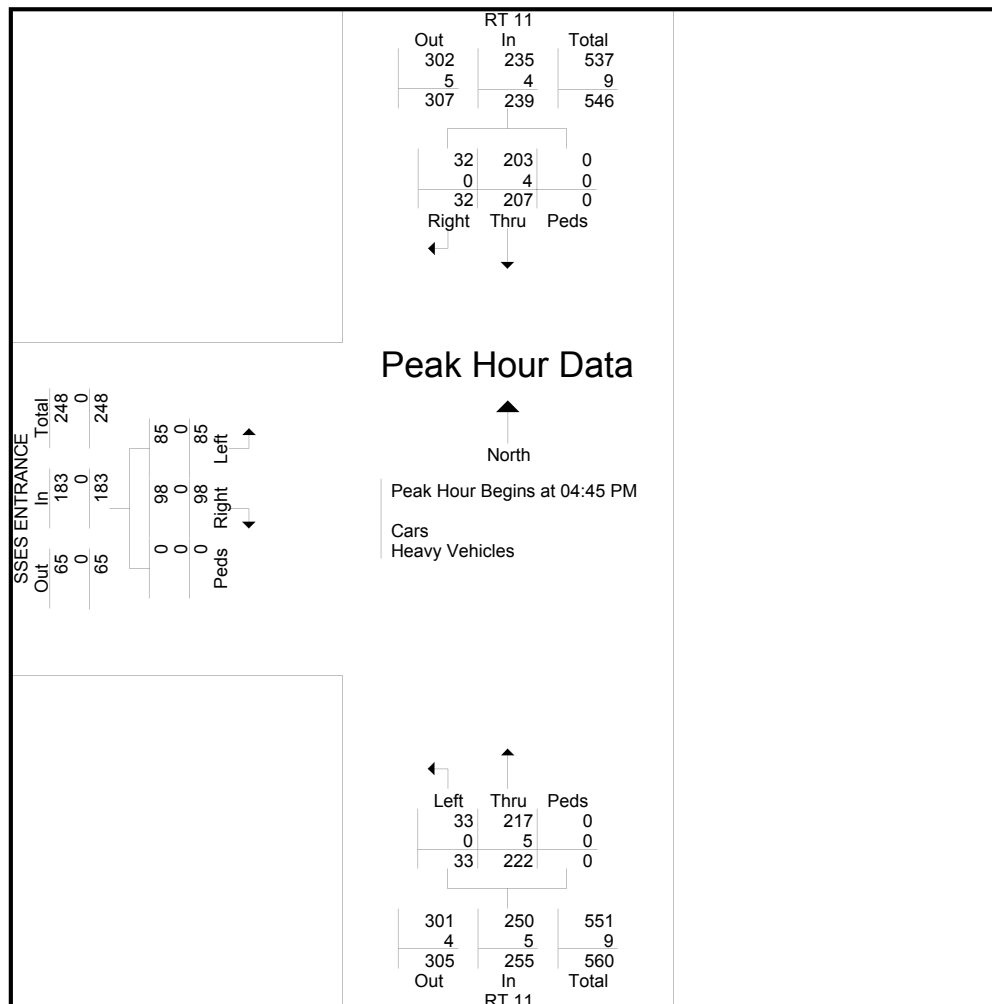
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: RT 11/SSS Entrance
Date: Tuesday, April 13, 2010
Counter: CMK

File Name : SM0413-15
Site Code : 00000000
Start Date : 4/13/2010
Page No : 4

	RT 11 Southbound				RT 11 Northbound				SSS ENTRANCE Eastbound				
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 04:45 PM													
04:45 PM	5	47	0	52	58	6	0	64	20	17	0	37	153
05:00 PM	5	49	0	54	48	5	0	53	31	27	0	58	165
05:15 PM	11	55	0	66	70	10	0	80	27	20	0	47	193
05:30 PM	11	56	0	67	46	12	0	58	20	21	0	41	166
Total Volume	32	207	0	239	222	33	0	255	98	85	0	183	677
% App. Total	13.4	86.6	0		87.1	12.9	0		53.6	46.4	0		
PHF	.727	.924	.000	.892	.793	.688	.000	.797	.790	.787	.000	.789	.877
Cars	32	203	0	235	217	33	0	250	98	85	0	183	668
% Cars	100	98.1	0	98.3	97.7	100	0	98.0	100	100	0	100	98.7
Heavy Vehicles	0	4	0	4	5	0	0	5	0	0	0	0	9
% Heavy Vehicles	0	1.9	0	1.7	2.3	0	0	2.0	0	0	0	0	1.3



Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.comLocation: Columbia County, PA
Intersection: US 11/Main St
Date: Wednesday: June 11, 2008
Counter: JIFile Name : SM0611-6
Site Code : 00000000
Start Date : 6/11/2008
Page No : 1

Groups Printed- Cars - Heavy Vehicles - RTOR

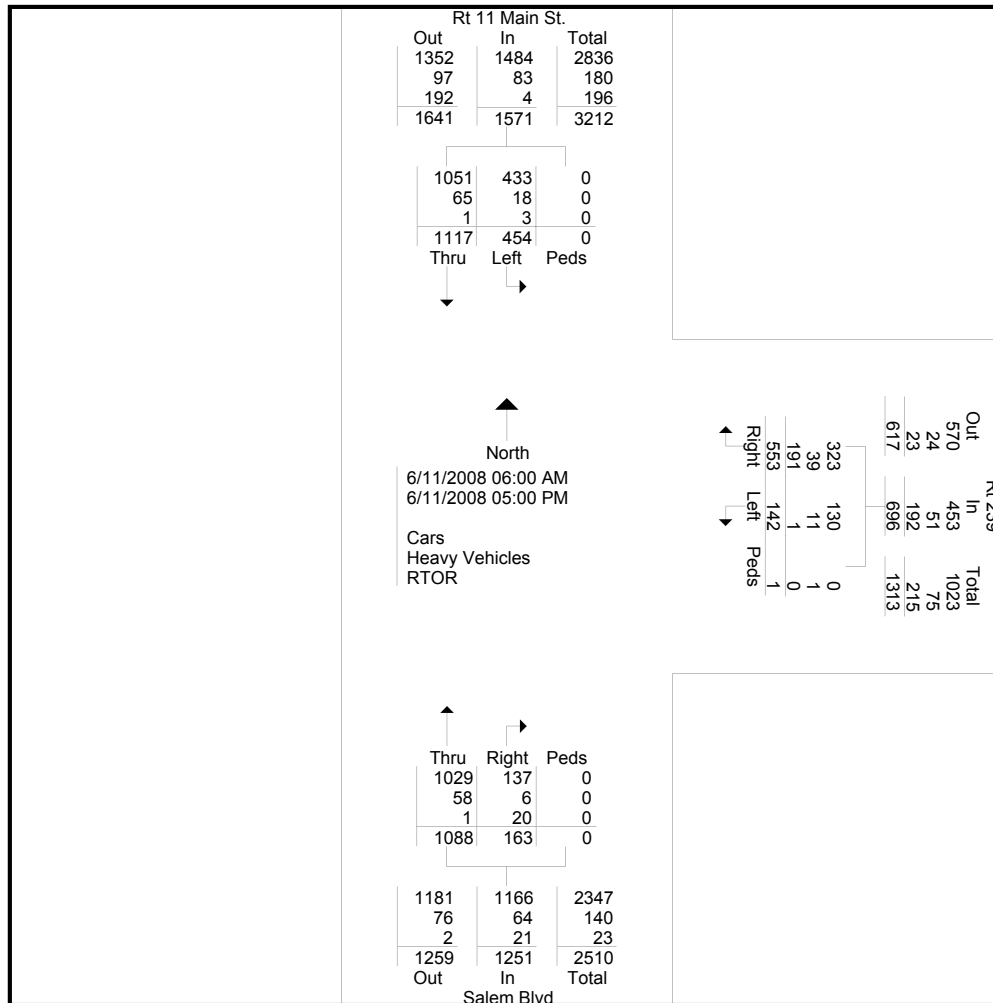
Start Time	Rt 11 Main St. Southbound				Rt 239 Westbound				Salem Blvd Northbound				Int. Total
	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	
06:00 AM	48	9	0	57	13	9	0	22	3	25	0	28	107
06:15 AM	80	20	0	100	16	8	0	24	4	37	0	41	165
06:30 AM	86	14	0	100	19	19	0	38	1	35	0	36	174
06:45 AM	54	16	0	70	20	7	0	27	2	30	0	32	129
Total	268	59	0	327	68	43	0	111	10	127	0	137	575
07:00 AM	42	12	0	54	17	7	0	24	5	37	0	42	120
07:15 AM	50	17	0	67	16	9	0	25	3	43	0	46	138
07:30 AM	50	12	0	62	27	7	0	34	1	40	0	41	137
07:45 AM	51	14	0	65	21	7	0	28	4	38	0	42	135
Total	193	55	0	248	81	30	0	111	13	158	0	171	530
08:00 AM	45	18	0	63	18	3	0	21	5	24	0	29	113
08:15 AM	40	15	0	55	18	4	0	22	2	29	0	31	108
08:30 AM	40	17	0	57	21	5	0	26	5	32	0	37	120
08:45 AM	26	10	0	36	21	1	1	23	4	33	0	37	96
Total	151	60	0	211	78	13	1	92	16	118	0	134	437
02:30 PM	45	16	0	61	24	7	0	31	8	50	0	58	150
02:45 PM	34	19	0	53	28	12	0	40	7	60	0	67	160
Total	79	35	0	114	52	19	0	71	15	110	0	125	310
03:00 PM	35	23	0	58	30	3	0	33	11	64	0	75	166
03:15 PM	38	21	0	59	23	6	0	29	13	61	0	74	162
03:30 PM	48	20	0	68	23	9	0	32	20	64	0	84	184
03:45 PM	60	26	0	86	37	5	0	42	18	55	0	73	201
Total	181	90	0	271	113	23	0	136	62	244	0	306	713
04:00 PM	61	31	0	92	34	2	0	36	11	63	0	74	202
04:15 PM	56	38	0	94	32	4	0	36	14	80	0	94	224
04:30 PM	39	40	0	79	23	1	0	24	9	65	0	74	177
04:45 PM	52	25	0	77	38	5	0	43	8	71	0	79	199
Total	208	134	0	342	127	12	0	139	42	279	0	321	802
05:00 PM	37	21	0	58	34	2	0	36	5	52	0	57	151
Grand Total	1117	454	0	1571	553	142	1	696	163	1088	0	1251	3518
Apprch %	71.1	28.9	0		79.5	20.4	0.1		13	87	0		
Total %	31.8	12.9	0	44.7	15.7	4	0	19.8	4.6	30.9	0	35.6	
Cars	1051	433	0	1484	323	130	0	453	137	1029	0	1166	3103
% Cars	94.1	95.4	0	94.5	58.4	91.5	0	65.1	84	94.6	0	93.2	88.2
Heavy Vehicles	65	18	0	83	39	11	1	51	6	58	0	64	198
% Heavy Vehicles	5.8	4	0	5.3	7.1	7.7	100	7.3	3.7	5.3	0	5.1	5.6
RTOR	1	3	0	4	191	1	0	192	20	1	0	21	217
% RTOR	0.1	0.7	0	0.3	34.5	0.7	0	27.6	12.3	0.1	0	1.7	6.2

Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: US 11/Main St
Date: Wednesday: June 11, 2008
Counter: JI

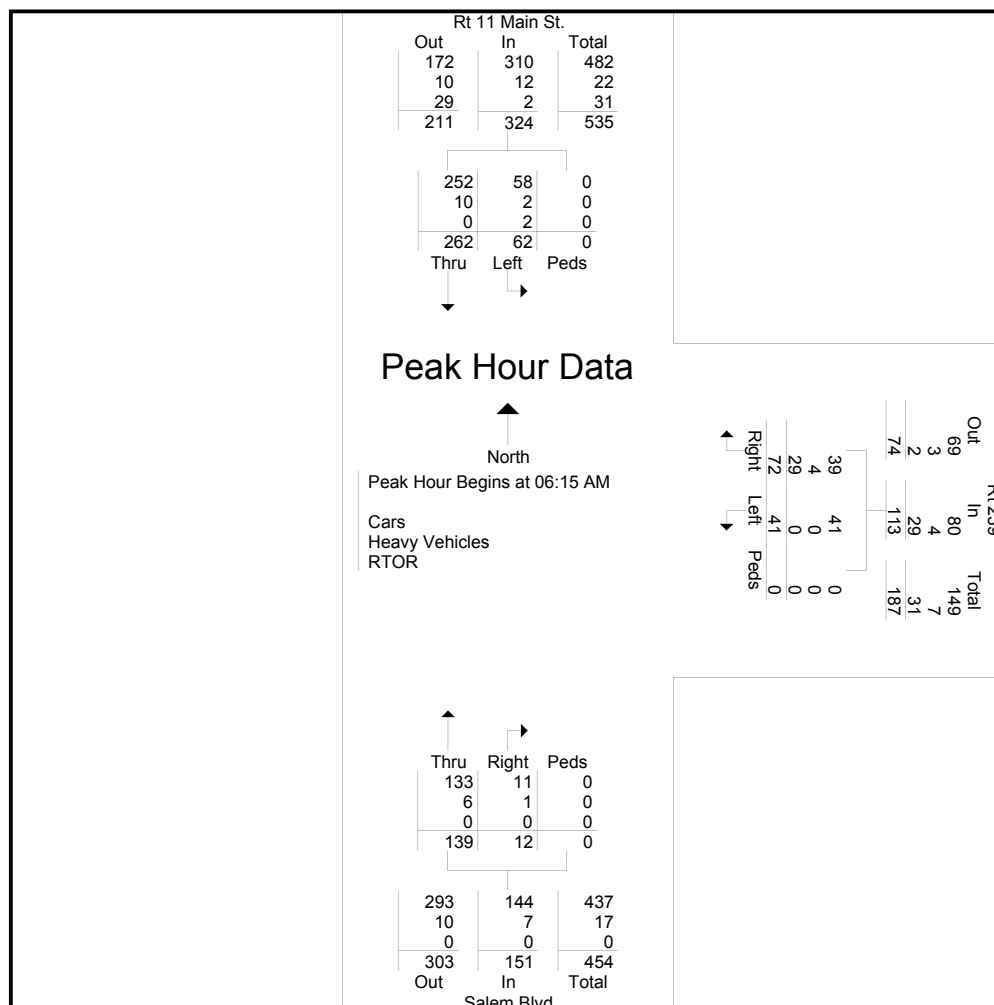
File Name : SM0611-6
Site Code : 00000000
Start Date : 6/11/2008
Page No : 2



Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.comLocation: Columbia County, PA
Intersection: US 11/Main St
Date: Wednesday: June 11, 2008
Counter: JIFile Name : SM0611-6
Site Code : 00000000
Start Date : 6/11/2008
Page No : 3

	Rt 11 Main St. Southbound				Rt 239 Westbound				Salem Blvd Northbound				
Start Time	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 06:15 AM													
06:15 AM	80	20	0	100	16	8	0	24	4	37	0	41	165
06:30 AM	86	14	0	100	19	19	0	38	1	35	0	36	174
06:45 AM	54	16	0	70	20	7	0	27	2	30	0	32	129
07:00 AM	42	12	0	54	17	7	0	24	5	37	0	42	120
Total Volume	262	62	0	324	72	41	0	113	12	139	0	151	588
% App. Total	80.9	19.1	0		63.7	36.3	0		7.9	92.1	0		
PHF	.762	.775	.000	.810	.900	.539	.000	.743	.600	.939	.000	.899	.845
Cars	252	58	0	310	39	41	0	80	11	133	0	144	534
% Cars	96.2	93.5	0	95.7	54.2	100	0	70.8	91.7	95.7	0	95.4	90.8
Heavy Vehicles	10	2	0	12	4	0	0	4	1	6	0	7	23
% Heavy Vehicles	3.8	3.2	0	3.7	5.6	0	0	3.5	8.3	4.3	0	4.6	3.9
RTOR	0	2	0	2	29	0	0	29	0	0	0	0	31
% RTOR	0	3.2	0	0.6	40.3	0	0	25.7	0	0	0	0	5.3



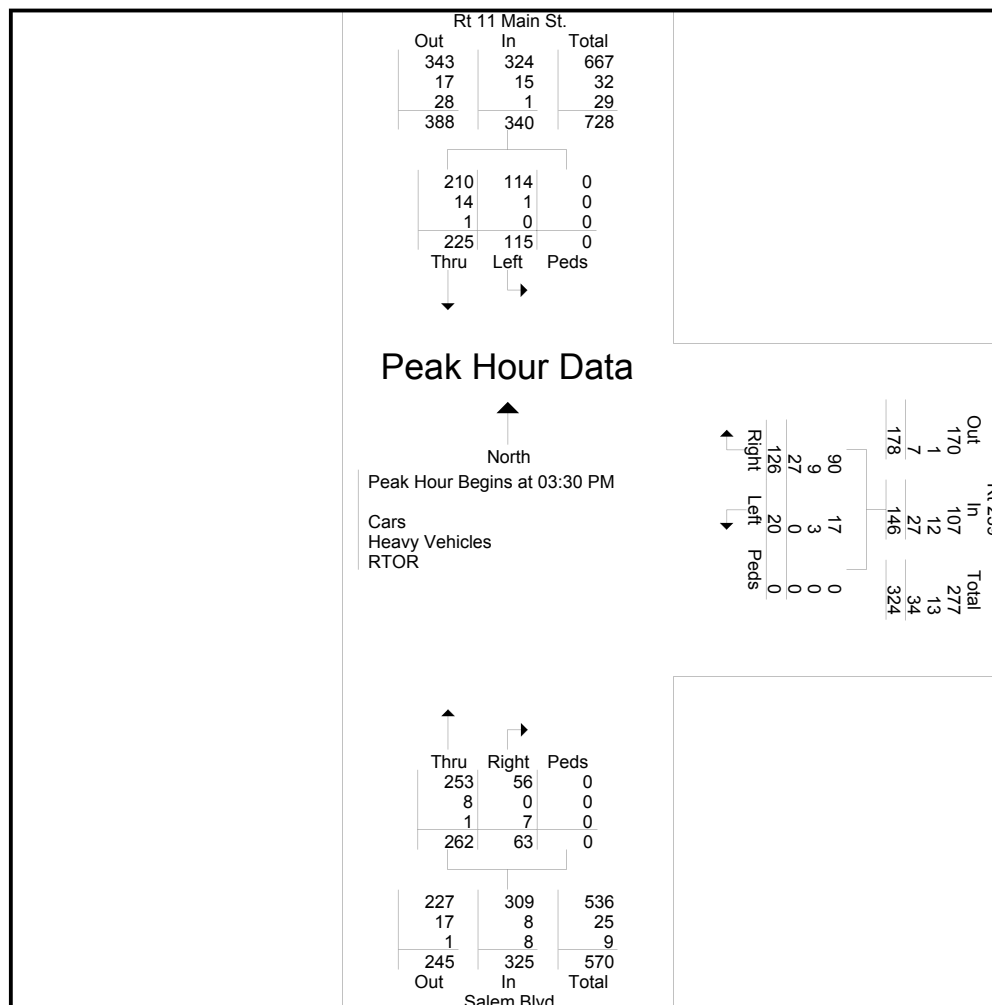
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: US 11/Main St
Date: Wednesday: June 11, 2008
Counter: JI

File Name : SM0611-6
Site Code : 00000000
Start Date : 6/11/2008
Page No : 4

	Rt 11 Main St. Southbound				Rt 239 Westbound				Salem Blvd Northbound				
Start Time	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:00 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 03:30 PM													
03:30 PM	48	20	0	68	23	9	0	32	20	64	0	84	184
03:45 PM	60	26	0	86	37	5	0	42	18	55	0	73	201
04:00 PM	61	31	0	92	34	2	0	36	11	63	0	74	202
04:15 PM	56	38	0	94	32	4	0	36	14	80	0	94	224
Total Volume	225	115	0	340	126	20	0	146	63	262	0	325	811
% App. Total	66.2	33.8	0		86.3	13.7	0		19.4	80.6	0		
PHF	.922	.757	.000	.904	.851	.556	.000	.869	.788	.819	.000	.864	.905
Cars	210	114	0	324	90	17	0	107	56	253	0	309	740
% Cars	93.3	99.1	0	95.3	71.4	85.0	0	73.3	88.9	96.6	0	95.1	91.2
Heavy Vehicles	14	1	0	15	9	3	0	12	0	8	0	8	35
% Heavy Vehicles	6.2	0.9	0	4.4	7.1	15.0	0	8.2	0	3.1	0	2.5	4.3
RTOR	1	0	0	1	27	0	0	27	7	1	0	8	36
% RTOR	0.4	0	0	0.3	21.4	0	0	18.5	11.1	0.4	0	2.5	4.4



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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: US 11/Union St.
Date: Thursday, June 12, 2008
Counter: pb

File Name : SM0612-5
Site Code : 00000000
Start Date : 6/12/2008
Page No : 1

Groups Printed- Cars - Heavy Vehicles

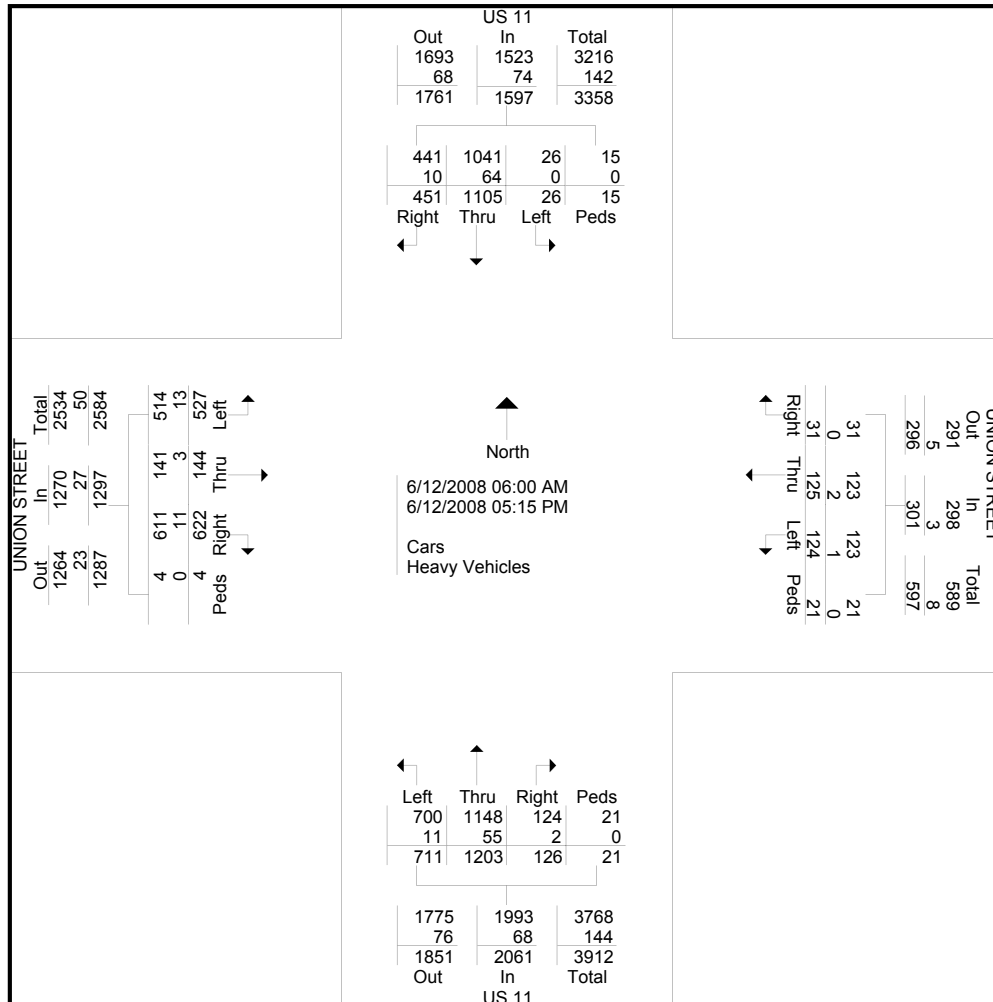
	US 11 Southbound					UNION STREET Westbound					US 11 Northbound					UNION STREET Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 AM	2	31	0	0	33	1	2	1	0	4	1	32	5	0	38	31	4	28	0	63	138
06:15 AM	12	53	0	0	65	2	1	2	0	5	5	58	7	0	70	41	2	28	0	71	211
06:30 AM	5	47	0	0	52	1	1	2	0	4	1	42	10	0	53	37	2	37	0	76	185
06:45 AM	8	27	0	1	36	0	0	1	0	1	3	40	9	0	52	21	4	26	0	51	140
Total	27	158	0	1	186	4	4	6	0	14	10	172	31	0	213	130	12	119	0	261	674
07:00 AM	7	43	0	0	50	0	3	2	0	5	1	56	11	0	68	23	4	38	0	65	188
07:15 AM	10	37	0	0	47	0	3	3	0	6	5	50	13	0	68	23	4	40	0	67	188
07:30 AM	23	41	0	1	65	0	4	4	0	8	3	52	25	0	80	25	9	32	0	66	219
07:45 AM	8	47	2	0	57	2	4	3	0	9	3	68	15	2	88	25	8	37	0	70	224
Total	48	168	2	1	219	2	14	12	0	28	12	226	64	2	304	96	25	147	0	268	819
08:00 AM	14	37	2	0	53	0	7	4	0	11	3	34	14	1	52	17	8	16	0	41	157
08:15 AM	9	36	1	0	46	1	4	6	0	11	5	43	20	1	69	8	3	7	0	18	144
08:30 AM	9	40	1	0	50	1	4	9	0	14	7	48	21	0	76	31	9	33	2	75	215
08:45 AM	8	32	2	2	44	0	3	8	1	12	3	31	20	0	54	28	10	24	1	63	173
Total	40	145	6	2	193	2	18	27	1	48	18	156	75	2	251	84	30	80	3	197	689
*** BREAK ***																					
02:30 PM	13	42	1	1	57	5	8	8	1	22	4	49	32	0	85	24	5	16	0	45	209
02:45 PM	16	36	2	3	57	3	7	2	2	14	7	49	35	1	92	25	8	10	0	43	206
Total	29	78	3	4	114	8	15	10	3	36	11	98	67	1	177	49	13	26	0	88	415
03:00 PM	17	45	2	0	64	3	8	9	0	20	8	44	45	0	97	24	8	11	0	43	224
03:15 PM	18	40	2	0	60	4	6	12	0	22	8	60	29	0	97	26	6	24	1	57	236
03:30 PM	18	48	2	1	69	0	11	6	2	19	10	77	48	6	141	27	13	26	0	66	295
03:45 PM	29	53	3	1	86	0	8	6	1	15	14	52	38	1	105	29	7	11	0	47	253
Total	82	186	9	2	279	7	33	33	3	76	40	233	160	7	440	106	34	72	1	213	1008
04:00 PM	30	57	0	0	87	1	8	3	3	15	6	39	45	0	90	21	2	14	0	37	229
04:15 PM	21	72	3	0	96	1	5	6	2	14	3	57	62	0	122	28	5	20	0	53	285
04:30 PM	29	61	0	1	91	3	6	7	2	18	8	56	39	1	104	15	11	13	0	39	252
04:45 PM	41	54	1	2	98	3	13	9	4	29	4	50	58	0	112	30	4	11	0	45	284
Total	121	244	4	3	372	8	32	25	11	76	21	202	204	1	428	94	22	58	0	174	1050
05:00 PM	48	61	1	1	111	0	6	5	2	13	6	55	47	4	112	20	4	12	0	36	272
05:15 PM	56	65	1	1	123	0	3	6	1	10	8	61	63	4	136	43	4	13	0	60	329
Grand Total	451	1105	26	15	1597	31	125	124	21	301	126	1203	711	21	2061	622	144	527	4	1297	5256
Apprch %	28.2	69.2	1.6	0.9		10.3	41.5	41.2	7		6.1	58.4	34.5	1		48	11.1	40.6	0.3		
Total %	8.6	21	0.5	0.3	30.4	0.6	2.4	2.4	0.4	5.7	2.4	22.9	13.5	0.4	39.2	11.8	2.7	10	0.1	24.7	
Cars	441	1041	26	15	1523	31	123	123	21	298	124	1148	700	21	1993	611	141	514	4	1270	5084
% Cars	97.8	94.2	100	100	95.4	100	98.4	99.2	100	99	98.4	95.4	98.5	100	96.7	98.2	97.9	97.5	100	97.9	96.7
Heavy Vehicles	10	64	0	0	74	0	2	1	0	3	2	55	11	0	68	11	3	13	0	27	172
% Heavy Vehicles	2.2	5.8	0	0	4.6	0	1.6	0.8	0	1	1.6	4.6	1.5	0	3.3	1.8	2.1	2.5	0	2.1	3.3

Controlled Document
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: US 11/Union St.
Date: Thursday, June 12, 2008
Counter: pb

File Name : SM0612-5
Site Code : 00000000
Start Date : 6/12/2008
Page No : 2



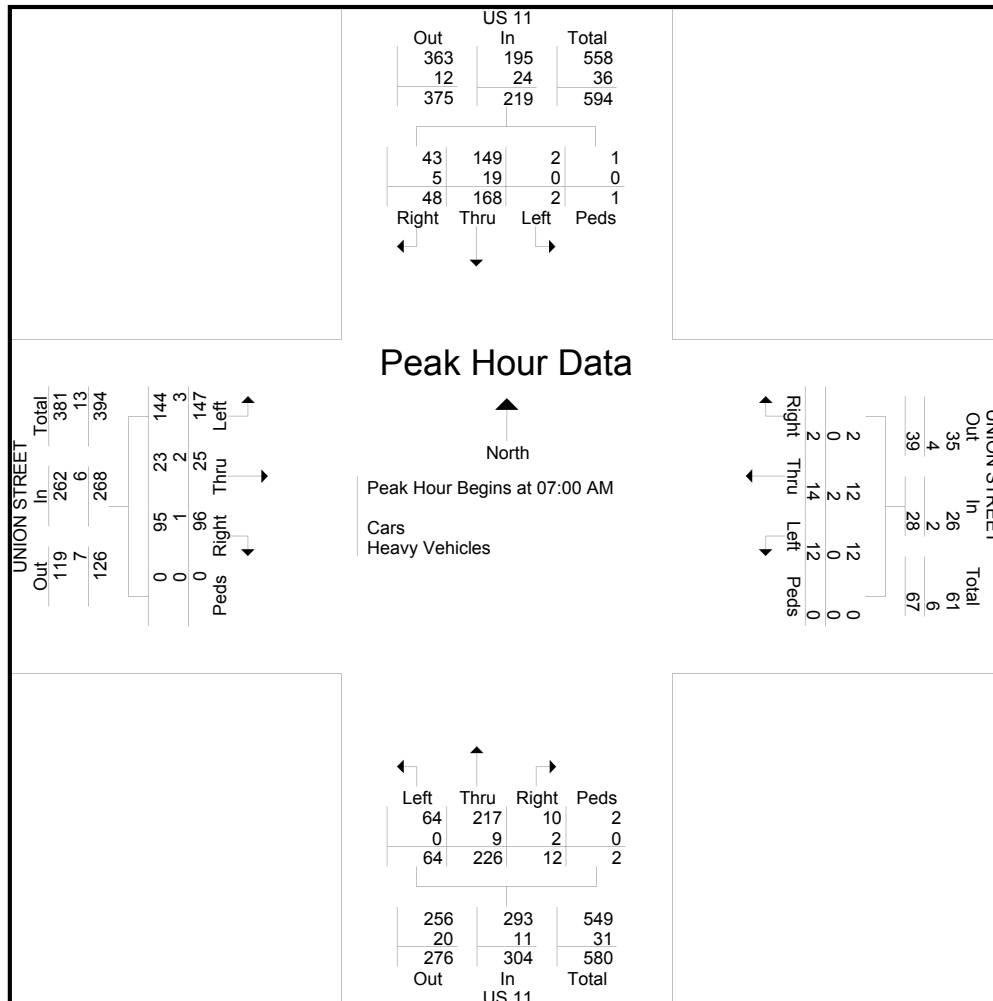
Controlled Document
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Columbia County, PA
Intersection: US 11/Union St.
Date: Thursday, June 12, 2008
Counter: pb

File Name : SM0612-5
Site Code : 00000000
Start Date : 6/12/2008
Page No : 3

	US 11 Southbound					UNION STREET Westbound					US 11 Northbound					UNION STREET Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	7	43	0	0	50	0	3	2	0	5	1	56	11	0	68	23	4	38	0	65	188
07:15 AM	10	37	0	0	47	0	3	3	0	6	5	50	13	0	68	23	4	40	0	67	188
07:30 AM	23	41	0	1	65	0	4	4	0	8	3	52	25	0	80	25	9	32	0	66	219
07:45 AM	8	47	2	0	57	2	4	3	0	9	3	68	15	2	88	25	8	37	0	70	224
Total Volume	48	168	2	1	219	2	14	12	0	28	12	226	64	2	304	96	25	147	0	268	819
% App. Total	21.9	76.7	0.9	0.5		7.1	50	42.9	0		3.9	74.3	21.1	0.7		35.8	9.3	54.9	0		
PHF	.522	.894	.250	.250	.842	.250	.875	.750	.000	.778	.600	.831	.640	.250	.864	.960	.694	.919	.000	.957	.914
Cars	43	149	2	1	195	2	12	12	0	26	10	217	64	2	293	95	23	144	0	262	776
% Cars	89.6	88.7	100	100	89.0	100	85.7	100	0	92.9	83.3	96.0	100	100	96.4	99.0	92.0	98.0	0	97.8	94.7
Heavy Vehicles																					
% Heavy Vehicles	10.4	11.3	0	0	11.0	0	14.3	0	0	7.1	16.7	4.0	0	0	3.6	1.0	8.0	2.0	0	2.2	5.3



Controlled Document

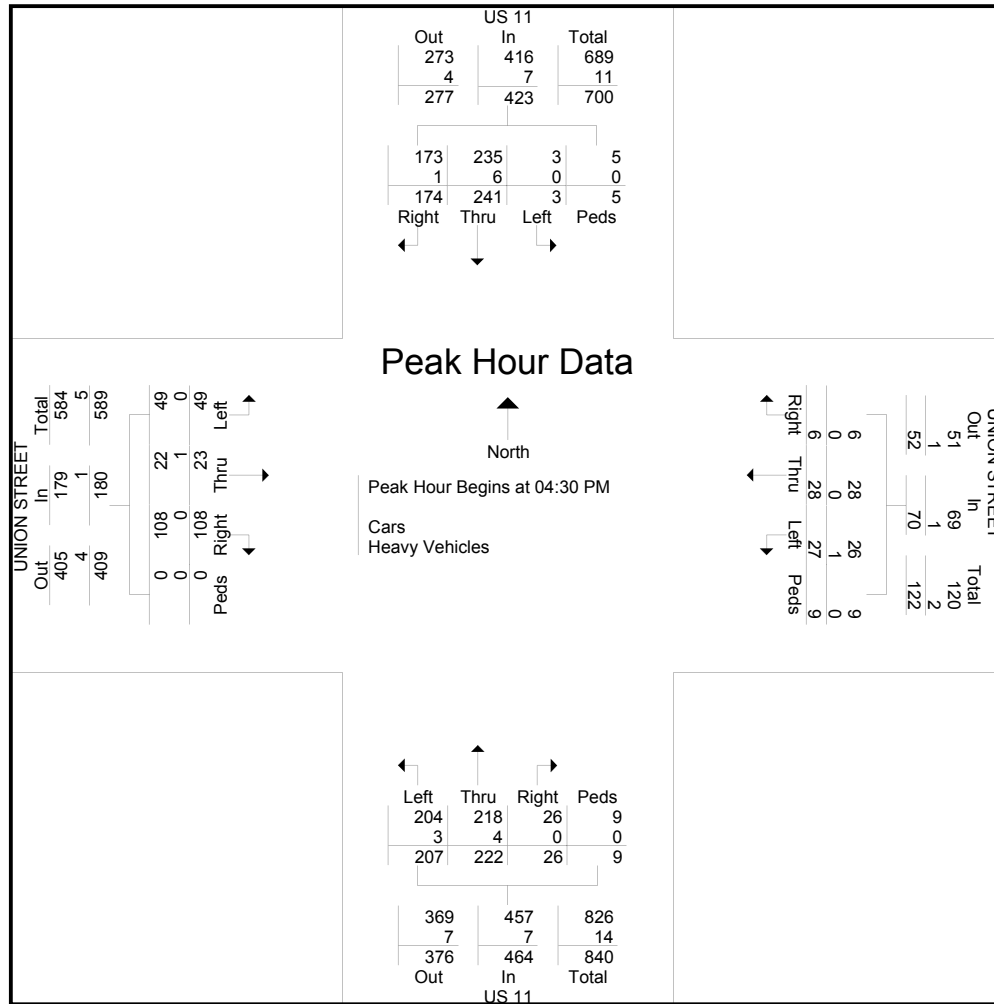
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

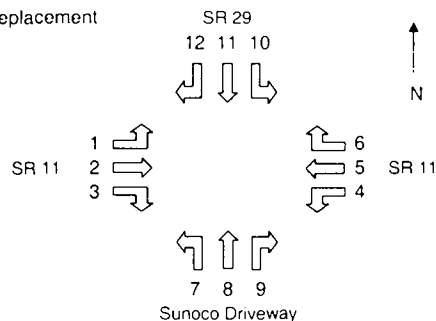
Location: Columbia County, PA
Intersection: US 11/Union St.
Date: Thursday, June 12, 2008
Counter: pb

File Name : SM0612-5
Site Code : 00000000
Start Date : 6/12/2008
Page No : 4

	US 11 Southbound					UNION STREET Westbound					US 11 Northbound					UNION STREET Eastbound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	29	61	0	1	91	3	6	7	2	18	8	56	39	1	104	15	11	13	0	39	252
04:45 PM	41	54	1	2	98	3	13	9	4	29	4	50	58	0	112	30	4	11	0	45	284
05:00 PM	48	61	1	1	111	0	6	5	2	13	6	55	47	4	112	20	4	12	0	36	272
05:15 PM	56	65	1	1	123	0	3	6	1	10	8	61	63	4	136	43	4	13	0	60	329
Total Volume	174	241	3	5	423	6	28	27	9	70	26	222	207	9	464	108	23	49	0	180	1137
% App. Total	41.1	57	0.7	1.2		8.6	40	38.6	12.9		5.6	47.8	44.6	1.9		60	12.8	27.2	0		
PHF	.777	.927	.750	.625	.860	.500	.538	.750	.563	.603	.813	.910	.821	.563	.853	.628	.523	.942	.000	.750	.864
Cars	173	235	3	5	416	6	28	26	9	69	26	218	204	9	457	108	22	49	0	179	1121
% Cars	99.4	97.5	100	100	98.3	100	100	96.3	100	98.6	100	98.2	98.6	100	98.5	100	95.7	100	0	99.4	98.6
Heavy Vehicles																					
% Heavy Vehicles	0.6	2.5	0	0	1.7	0	0	3.7	0	1.4	0	1.8	1.4	0	1.5	0	4.3	0	0	0.6	1.4



PROJECT NAME: PennDOT 8899 - SR 11 Bridge Replacement
PROJECT NUMBER: CECO0902
INTERSECTION: SR 11 and SR 29
 Plymouth Township
 Luzerne County



DATE COUNTED: 9/1/09
DAY OF WEEK: Tuesday
WEATHER: Sunny/Dry
COUNTED BY: JDL/JMV

Canal Street Volumes:

AM Peak 0
 Midday 1 left in / 1 right out
 PM Peak 1 left out

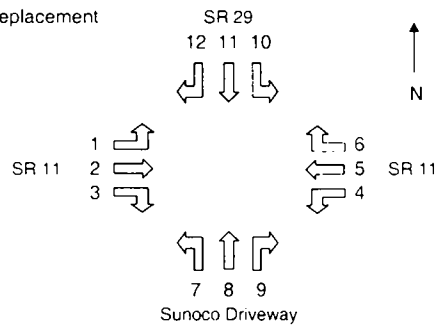
15 MINUTE COUNT DATA

Time Begin	1	2	3	4	5	6	7	8	9	10	11	12	Intersection Total
6:30	5	131	8	2	45	31	0	1	13	39	2	6	283
6:45	3	146	2	1	54	26	0	0	5	34	2	4	277
7:00	6	155	8	2	47	21	1	0	6	40	0	5	291
7:15	7	186	11	0	77	27	2	0	9	54	2	4	379
7:30	8	218	6	3	77	35	2	0	11	36	0	1	397
7:45	8	191	3	2	75	28	1	1	3	42	1	6	361
8:00	3	122	3	2	58	20	1	0	3	32	0	5	249
8:15	5	127	4	3	79	16	0	0	3	31	0	7	275
11:15	3	92	7	1	67	25	0	1	4	31	1	2	234
11:30	4	75	2	4	74	28	1	1	2	22	0	7	220
11:45	1	68	2	1	83	25	2	1	2	33	2	4	224
12:00	1	89	1	2	71	32	3	0	2	23	0	6	230
12:15	5	88	1	1	93	27	2	0	2	22	2	3	246
12:30	2	71	3	1	82	27	3	1	3	34	0	0	227
12:45	4	75	2	4	75	27	3	0	1	27	1	8	227
3:30	10	95	4	2	150	52	2	0	4	28	1	7	355
3:45	7	112	5	1	161	58	4	3	1	39	3	5	399
4:00	6	101	4	1	147	55	4	0	1	43	0	3	365
4:15	5	112	3	0	186	44	1	0	0	24	1	6	382
4:30	10	106	4	4	177	63	3	0	4	40	0	1	412
4:45	3	88	2	1	174	57	3	0	0	34	2	3	367
5:00	4	90	2	1	190	63	1	0	0	36	1	5	393
5:15	11	89	3	2	200	47	4	1	4	34	1	3	399
5:30	12	102	2	2	145	51	0	3	4	29	3	10	363
5:45	6	78	3	4	147	51	3	0	2	27	1	5	327

PEAK HOURS

	1	2	3	4	5	6	7	8	9	10	11	12	Intersection Total
A.M.													
7:00	29	750	28	7	276	111	6	1	29	172	3	16	1428
PHF	0.91	0.86	0.64	0.58	0.90	0.79	0.75	0.25	0.66	0.80	0.38	0.67	
Vol. HV	6	18	2	1	21	3	2	0	2	2	0	1	
% HV	20.7%	2.4%	7.1%	14.3%	7.6%	2.7%	33.3%	0.0%	6.9%	1.2%	0.0%	6.3%	
Midday													
12:00	12	323	7	8	321	113	11	1	8	106	3	17	930
PHF	0.60	0.91	0.58	0.50	0.86	0.88	0.92	0.25	0.67	0.78	0.38	0.53	
Vol. HV	2	20	0	0	27	8	0	0	1	9	0	2	
% HV	16.7%	6.2%	0.0%	0.0%	8.4%	7.1%	0.0%	0.0%	12.5%	8.5%	0.0%	11.8%	
P.M.													
4:30	28	373	11	8	741	230	11	1	8	144	4	12	1571
PHF	0.64	0.88	0.69	0.50	0.93	0.91	0.69	0.25	0.50	0.90	0.50	0.60	
Vol. HV	0	10	0	1	20	4	0	0	0	5	0	2	
% HV	0.0%	2.7%	0.0%	12.5%	2.7%	1.7%	0.0%	0.0%	0.0%	3.5%	0.0%	16.7%	

PROJECT NAME: PennDOT 8899 - SR 11 Bridge Replacement
PROJECT NUMBER: CECO0902
INTERSECTION: SR 11 and SR 29
 Plymouth Township
 Luzerne County



DATE COUNTED: 9/12/09
DAY OF WEEK: Saturday
WEATHER: Cloudy/
 Drizzle
COUNTED BY: JDL/JMV

Canal Street Volumes:
 Midday 1 left out

15 MINUTE COUNT DATA

Time Begin	Movement												Intersection Total
	1	2	3	4	5	6	7	8	9	10	11	12	
11:30	2	105	9	1	91	35	0	0	8	34	1	2	288
11:45	3	100	8	2	92	33	1	1	7	34	1	4	286
12:00	1	83	8	1	118	26	3	0	10	28	3	3	284
12:15	0	58	6	2	87	25	2	4	2	27	1	3	217
12:30	7	84	6	2	85	32	1	0	6	38	2	2	265
12:45	1	89	3	4	84	32	2	1	10	29	5	8	268
1:00	0	72	2	5	94	42	4	0	7	25	1	1	253
1:15	6	90	1	4	98	45	2	0	4	40	0	2	292
1:30	5	88	3	3	84	56	0	0	2	30	0	3	274
1:45	3	80	6	2	105	25	1	1	3	28	0	3	257

PEAK HOURS

	Movement												Intersection Total
	1	2	3	4	5	6	7	8	9	10	11	12	
Midday													
12:45	12	339	9	16	360	175	8	1	23	124	6	14	1087
PHF	0.50	0.94	0.75	0.80	0.92	0.78	0.50	0.25	0.58	0.78	0.30	0.44	
Vol. HV	0	5	0	1	4	1	0	0	1	0	0	0	
% HV	0.0%	1.5%	0.0%	6.3%	1.1%	0.6%	0.0%	0.0%	4.3%	0.0%	0.0%	0.0%	

Controlled Document

Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Luzerne County, PA
Intersection: Rt. 11/Nanticoke Bridge
Date: Tuesday, April 13, 2010
Counter: pb

File Name : SM0413-16
Site Code : 00000000
Start Date : 4/13/2010
Page No : 1

Groups Printed- Cars - Heavy Vehicles - turns

	ROUTE 11 Southbound				NANTICOKE BRIDGE Westbound				ROUTE 11 Northbound				Int. Total
	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	
06:00 AM	38	7	0	45	6	18	0	24	12	96	0	108	177
06:15 AM	61	10	0	71	17	15	0	32	16	156	0	172	275
06:30 AM	55	18	0	73	11	21	0	32	25	170	0	195	300
06:45 AM	42	14	0	56	17	23	0	40	46	152	0	198	294
Total	196	49	0	245	51	77	0	128	99	574	0	673	1046
07:00 AM	82	10	0	92	16	22	1	39	37	150	0	187	318
07:15 AM	72	8	0	80	18	39	0	57	46	193	0	239	376
07:30 AM	82	21	0	103	19	51	0	70	74	198	0	272	445
07:45 AM	65	27	0	92	12	26	0	38	73	179	0	252	382
Total	301	66	0	367	65	138	1	204	230	720	0	950	1521
08:00 AM	74	27	0	101	20	27	0	47	45	169	0	214	362
08:15 AM	54	16	0	70	23	34	0	57	57	126	0	183	310
08:30 AM	54	12	0	66	23	26	0	49	46	136	0	182	297
08:45 AM	39	24	0	63	16	24	0	40	54	104	0	158	261
Total	221	79	0	300	82	111	0	193	202	535	0	737	1230
*** BREAK ***													
03:00 PM	128	32	0	160	18	54	0	72	39	109	0	148	380
03:15 PM	132	26	0	158	18	64	0	82	58	98	0	156	396
03:30 PM	169	19	2	190	22	70	0	92	45	110	0	155	437
03:45 PM	164	35	0	199	17	71	0	88	43	87	0	130	417
Total	593	112	2	707	75	259	0	334	185	404	0	589	1630
04:00 PM	159	31	0	190	24	72	0	96	49	90	0	139	425
04:15 PM	176	29	0	205	26	60	0	86	52	107	0	159	450
04:30 PM	167	26	0	193	12	60	0	72	48	95	0	143	408
04:45 PM	170	31	0	201	14	56	0	70	46	95	0	141	412
Total	672	117	0	789	76	248	0	324	195	387	0	582	1695
05:00 PM	159	29	0	188	20	65	0	85	47	101	0	148	421
05:15 PM	194	33	0	227	20	34	0	54	65	104	0	169	450
05:30 PM	161	28	0	189	26	58	0	84	59	97	0	156	429
05:45 PM	134	35	0	169	29	34	0	63	55	73	0	128	360
Total	648	125	0	773	95	191	0	286	226	375	0	601	1660
Grand Total	2631	548	2	3181	444	1024	1	1469	1137	2995	0	4132	8782
Apprch %	82.7	17.2	0.1		30.2	69.7	0.1		27.5	72.5	0		
Total %	30	6.2	0	36.2	5.1	11.7	0	16.7	12.9	34.1	0	47.1	
Cars	2571	546	2	3119	392	1016	1	1409	1083	2956	0	4039	8567
% Cars	97.7	99.6	100	98.1	88.3	99.2	100	95.9	95.3	98.7	0	97.7	97.6
Heavy Vehicles	60	2	0	62	6	7	0	13	10	39	0	49	124
% Heavy Vehicles	2.3	0.4	0	1.9	1.4	0.7	0	0.9	0.9	1.3	0	1.2	1.4
Rights on Red/U-turns	0	0	0	0	46	1	0	47	44	0	0	44	91
% Rights on Red/U-turns	0	0	0	0	10.4	0.1	0	3.2	3.9	0	0	1.1	1

610-466-1469
www.TSTData.com

File Name : SM0413-16
Site Code : 00000000
Start Date : 4/13/2010
Page No : 2

ROUTE 11

Out	In	Total
3348	3119	6467
45	62	107
46	0	46
3439	3181	6620

Thru	Left	Peds
2571	546	2
60	2	0
0	0	0
2631	548	2

North

4/13/2010 06:00 AM
4/13/2010 05:45 PM

Cars
Heavy Vehicles
Rights on Red/U-turns

Thru	Right	Peds
2956	1083	0
39	10	0
0	44	0
2995	1137	0

Out	In	Total
3587	4039	7626
67	49	116
1	44	45
3655	4132	7787

ROUTE 11

Controlled Document

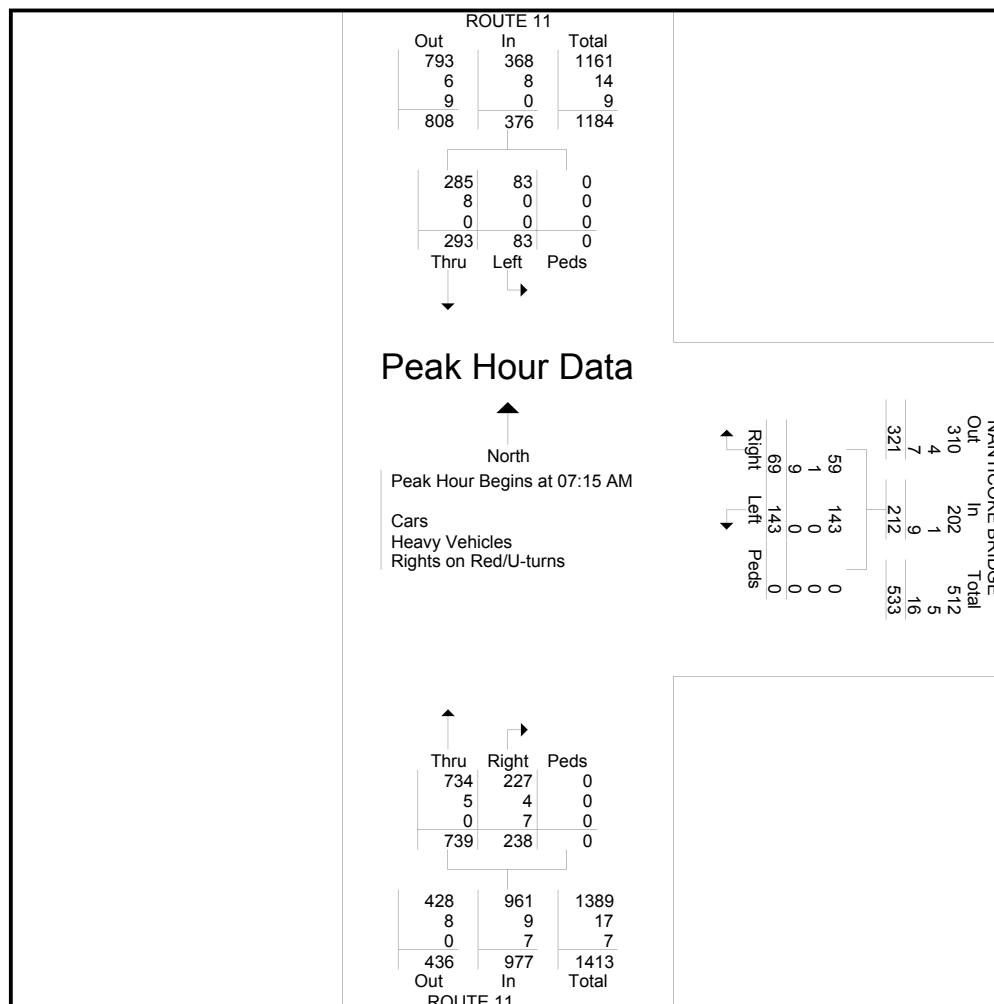
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Luzerne County, PA
Intersection: Rt. 11/Nanticoke Bridge
Date: Tuesday, April 13, 2010
Counter: pb

File Name : SM0413-16
Site Code : 00000000
Start Date : 4/13/2010
Page No : 3

	ROUTE 11 Southbound				NANTICOKE BRIDGE Westbound				ROUTE 11 Northbound				
Start Time	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:15 AM													
07:15 AM	72	8	0	80	18	39	0	57	46	193	0	239	376
07:30 AM	82	21	0	103	19	51	0	70	74	198	0	272	445
07:45 AM	65	27	0	92	12	26	0	38	73	179	0	252	382
08:00 AM	74	27	0	101	20	27	0	47	45	169	0	214	362
Total Volume	293	83	0	376	69	143	0	212	238	739	0	977	1565
% App. Total	77.9	22.1	0		32.5	67.5	0		24.4	75.6	0		
PHF	.893	.769	.000	.913	.863	.701	.000	.757	.804	.933	.000	.898	.879
Cars	285	83	0	368	59	143	0	202	227	734	0	961	1531
% Cars	97.3	100	0	97.9	85.5	100	0	95.3	95.4	99.3	0	98.4	97.8
Heavy Vehicles	8	0	0	8	1	0	0	1	4	5	0	9	18
% Heavy Vehicles	2.7	0	0	2.1	1.4	0	0	0.5	1.7	0.7	0	0.9	1.2
Rights on Red/U-turns	0	0	0	0	9	0	0	9	7	0	0	7	16
% Rights on Red/U-turns	0	0	0	0	13.0	0	0	4.2	2.9	0	0	0.7	1.0



Controlled Document

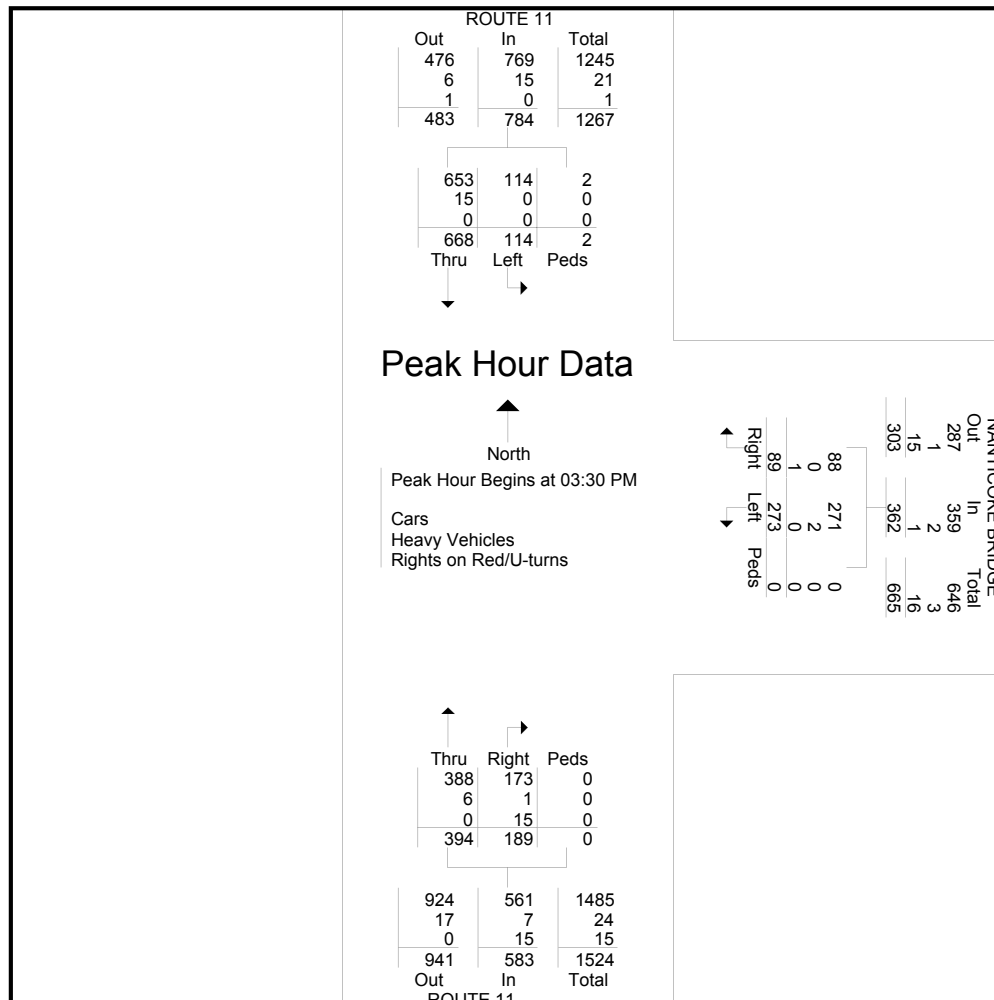
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Luzerne County, PA
Intersection: Rt. 11/Nanticoke Bridge
Date: Tuesday, April 13, 2010
Counter: pb

File Name : SM0413-16
Site Code : 00000000
Start Date : 4/13/2010
Page No : 4

	ROUTE 11 Southbound				NANTICOKE BRIDGE Westbound				ROUTE 11 Northbound				
Start Time	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 03:30 PM													
03:30 PM	169	19	2	190	22	70	0	92	45	110	0	155	437
03:45 PM	164	35	0	199	17	71	0	88	43	87	0	130	417
04:00 PM	159	31	0	190	24	72	0	96	49	90	0	139	425
04:15 PM	176	29	0	205	26	60	0	86	52	107	0	159	450
Total Volume	668	114	2	784	89	273	0	362	189	394	0	583	1729
% App. Total	85.2	14.5	0.3		24.6	75.4	0		32.4	67.6	0		
PHF	.949	.814	.250	.956	.856	.948	.000	.943	.909	.895	.000	.917	.961
Cars	653	114	2	769	88	271	0	359	173	388	0	561	1689
% Cars	97.8	100	100	98.1	98.9	99.3	0	99.2	91.5	98.5	0	96.2	97.7
Heavy Vehicles	15	0	0	15	0	2	0	2	1	6	0	7	24
% Heavy Vehicles	2.2	0	0	1.9	0	0.7	0	0.6	0.5	1.5	0	1.2	1.4
Rights on Red/U-turns	0	0	0	0	1	0	0	1	15	0	0	15	16
% Rights on Red/U-turns	0	0	0	0	1.1	0	0	0.3	7.9	0	0	2.6	0.9



Controlled Document

Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Luzerne County, PA
Intersection: Rt. 11 / Rt. 29
Date: Tuesday, April 13, 2010
Counter: ET / JT

File Name : SM0413-17
Site Code : 00000000
Start Date : 4/13/2010
Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	Route 11 Southbound				Route 11/29 Westbound				Route 11/29 Northbound				Int. Total
	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	
06:00 AM	23	0	0	23	0	22	0	22	91	11	0	102	147
06:15 AM	30	1	0	31	1	42	0	43	166	7	0	173	247
06:30 AM	31	1	0	32	1	42	0	43	190	2	0	192	267
06:45 AM	25	1	0	26	0	31	0	31	172	1	0	173	230
Total	109	3	0	112	2	137	0	139	619	21	0	640	891
07:00 AM	36	2	0	38	2	56	0	58	152	14	0	166	262
07:15 AM	35	1	0	36	0	46	0	46	228	7	0	235	317
07:30 AM	36	2	0	38	0	67	0	67	212	7	0	219	324
07:45 AM	50	4	0	54	3	42	0	45	202	4	0	206	305
Total	157	9	0	166	5	211	0	216	794	32	0	826	1208
08:00 AM	52	1	0	53	1	49	0	50	180	0	0	180	283
08:15 AM	44	3	0	47	0	26	0	26	145	4	0	149	222
08:30 AM	37	2	0	39	1	29	0	30	157	3	0	160	229
08:45 AM	33	0	0	33	1	31	0	32	125	0	0	125	190
Total	166	6	0	172	3	135	0	138	607	7	0	614	924
09:00 AM	35	3	0	38	2	33	0	35	116	1	0	117	190
09:15 AM	39	2	0	41	0	41	0	41	115	0	0	115	197
09:30 AM	42	2	0	44	0	58	0	58	95	3	0	98	200
09:45 AM	43	3	0	46	1	48	0	49	126	2	0	128	223
Total	159	10	0	169	3	180	0	183	452	6	0	458	810
10:00 AM	37	0	0	37	3	39	0	42	87	3	0	90	169
10:15 AM	35	2	0	37	0	52	0	52	91	1	0	92	181
10:30 AM	44	0	0	44	1	41	0	42	88	2	0	90	176
10:45 AM	45	2	0	47	0	44	0	44	93	1	0	94	185
Total	161	4	0	165	4	176	0	180	359	7	0	366	711
11:00 AM	36	1	0	37	3	52	0	55	94	3	0	97	189
11:15 AM	48	1	0	49	0	58	0	58	115	2	0	117	224
11:30 AM	39	5	0	44	0	53	0	53	92	5	0	97	194
11:45 AM	51	3	0	54	1	40	0	41	86	2	0	88	183
Total	174	10	0	184	4	203	0	207	387	12	0	399	790
12:00 PM	49	2	0	51	2	51	0	53	95	1	0	96	200
12:15 PM	37	2	0	39	2	63	0	65	87	1	0	88	192
12:30 PM	55	1	0	56	1	51	0	52	116	2	0	118	226
12:45 PM	58	1	0	59	0	46	0	46	82	4	0	86	191
Total	199	6	0	205	5	211	0	216	380	8	0	388	809
01:00 PM	36	0	0	36	1	49	0	50	87	5	0	92	178
01:15 PM	49	2	0	51	1	71	0	72	104	4	0	108	231
01:30 PM	52	1	0	53	1	67	0	68	62	6	0	68	189
01:45 PM	42	3	0	45	0	44	0	44	108	4	0	112	201
Total	179	6	0	185	3	231	0	234	361	19	0	380	799
02:00 PM	52	2	0	54	1	57	0	58	90	4	0	94	206
02:15 PM	54	4	0	58	1	54	0	55	122	2	0	124	237
02:30 PM	58	2	0	60	1	86	0	87	108	3	0	111	258
02:45 PM	73	2	0	75	0	60	0	60	109	3	0	112	247
Total	237	10	0	247	3	257	0	260	429	12	0	441	948
03:00 PM	66	2	0	68	1	88	0	89	114	4	0	118	275
03:15 PM	55	4	0	59	2	112	0	114	107	3	0	110	283
03:30 PM	65	0	0	65	0	142	0	142	124	5	0	129	336
03:45 PM	79	1	0	80	0	118	0	118	100	5	0	105	303
Total	265	7	0	272	3	460	0	463	445	17	0	462	1197

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Tri-State Traffic Data, Inc.

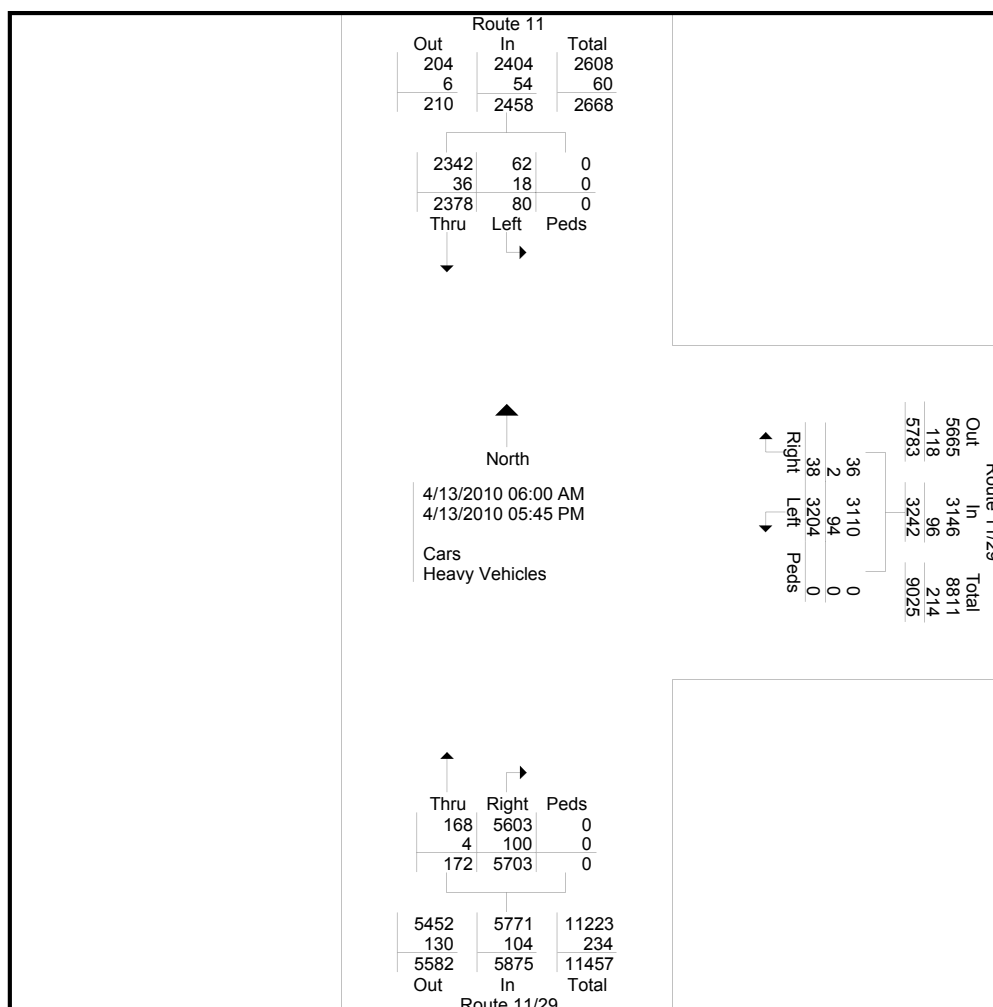
610-466-1469
www.TSTData.com

Location: Luzerne County, PA
Intersection: Rt. 11 / Rt. 29
Date: Tuesday, April 13, 2010
Counter: ET / JT

File Name : SM0413-17
Site Code : 00000000
Start Date : 4/13/2010
Page No : 2

Groups Printed- Cars - Heavy Vehicles

	Route 11 Southbound				Route 11/29 Westbound				Route 11/29 Northbound				
Start Time	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Int. Total
04:00 PM	73	2	0	75	0	141	0	141	104	7	0	111	327
04:15 PM	71	0	0	71	0	129	0	129	123	4	0	127	327
04:30 PM	74	1	0	75	0	119	0	119	105	4	0	109	303
04:45 PM	71	1	0	72	0	119	0	119	108	1	0	109	300
Total	289	4	0	293	0	508	0	508	440	16	0	456	1257
05:00 PM	63	1	0	64	1	126	0	127	105	3	0	108	299
05:15 PM	80	1	0	81	1	147	0	148	114	1	0	115	344
05:30 PM	75	3	0	78	0	127	0	127	118	2	0	120	325
05:45 PM	65	0	0	65	1	95	0	96	93	9	0	102	263
Total	283	5	0	288	3	495	0	498	430	15	0	445	1231
Grand Total	2378	80	0	2458	38	3204	0	3242	5703	172	0	5875	11575
Apprch %	96.7	3.3	0		1.2	98.8	0		97.1	2.9	0		
Total %	20.5	0.7	0	21.2	0.3	27.7	0	28	49.3	1.5	0	50.8	
Cars	2342	62	0	2404	36	3110	0	3146	5603	168	0	5771	11321
% Cars	98.5	77.5	0	97.8	94.7	97.1	0	97	98.2	97.7	0	98.2	97.8
Heavy Vehicles	36	18	0	54	2	94	0	96	100	4	0	104	254
% Heavy Vehicles	1.5	22.5	0	2.2	5.3	2.9	0	3	1.8	2.3	0	1.8	2.2



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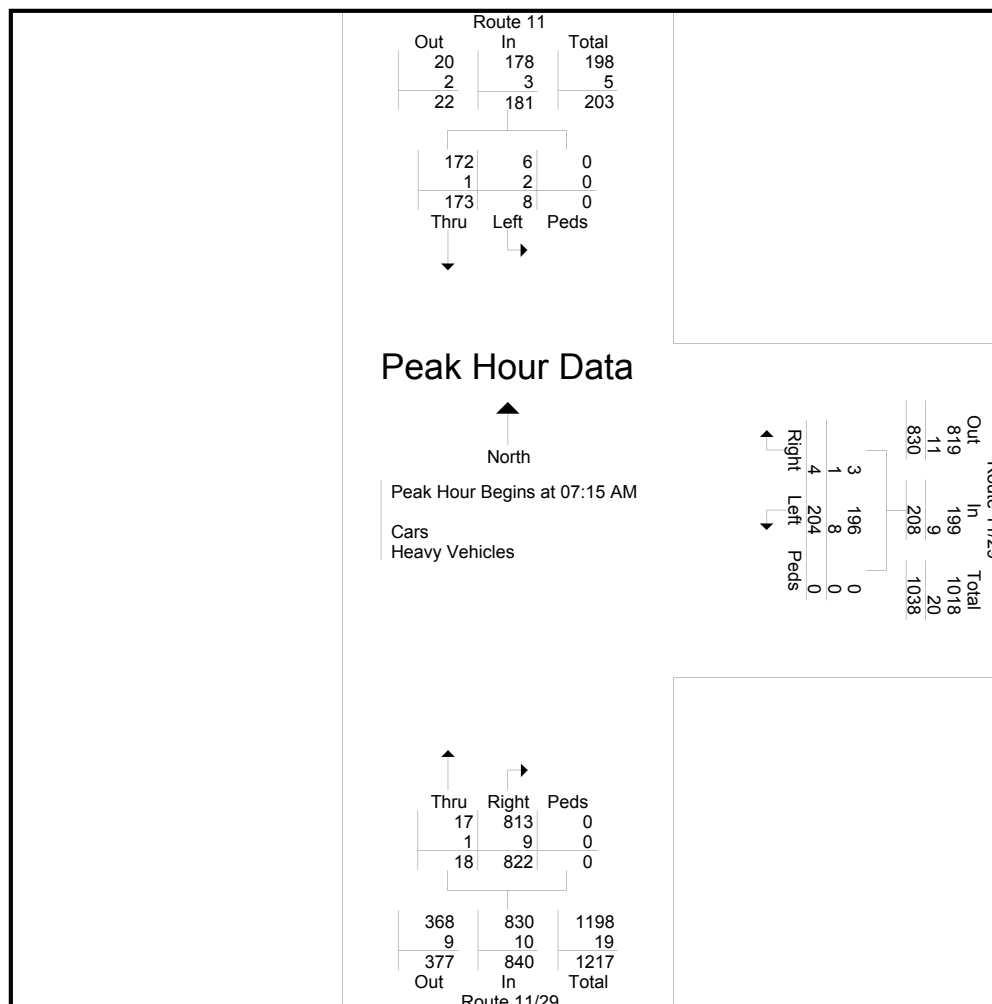
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Luzerne County, PA
Intersection: Rt. 11 / Rt. 29
Date: Tuesday, April 13, 2010
Counter: ET / JT

File Name : SM0413-17
Site Code : 00000000
Start Date : 4/13/2010
Page No : 3

	Route 11 Southbound				Route 11/29 Westbound				Route 11/29 Northbound				
Start Time	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:15 AM													
07:15 AM	35	1	0	36	0	46	0	46	228	7	0	235	317
07:30 AM	36	2	0	38	0	67	0	67	212	7	0	219	324
07:45 AM	50	4	0	54	3	42	0	45	202	4	0	206	305
08:00 AM	52	1	0	53	1	49	0	50	180	0	0	180	283
Total Volume	173	8	0	181	4	204	0	208	822	18	0	840	1229
% App. Total	95.6	4.4	0		1.9	98.1	0		97.9	2.1	0		
PHF	.832	.500	.000	.838	.333	.761	.000	.776	.901	.643	.000	.894	.948
Cars	172	6	0	178	3	196	0	199	813	17	0	830	1207
% Cars	99.4	75.0	0	98.3	75.0	96.1	0	95.7	98.9	94.4	0	98.8	98.2
Heavy Vehicles	1	2	0	3	1	8	0	9	9	1	0	10	22
% Heavy Vehicles	0.6	25.0	0	1.7	25.0	3.9	0	4.3	1.1	5.6	0	1.2	1.8



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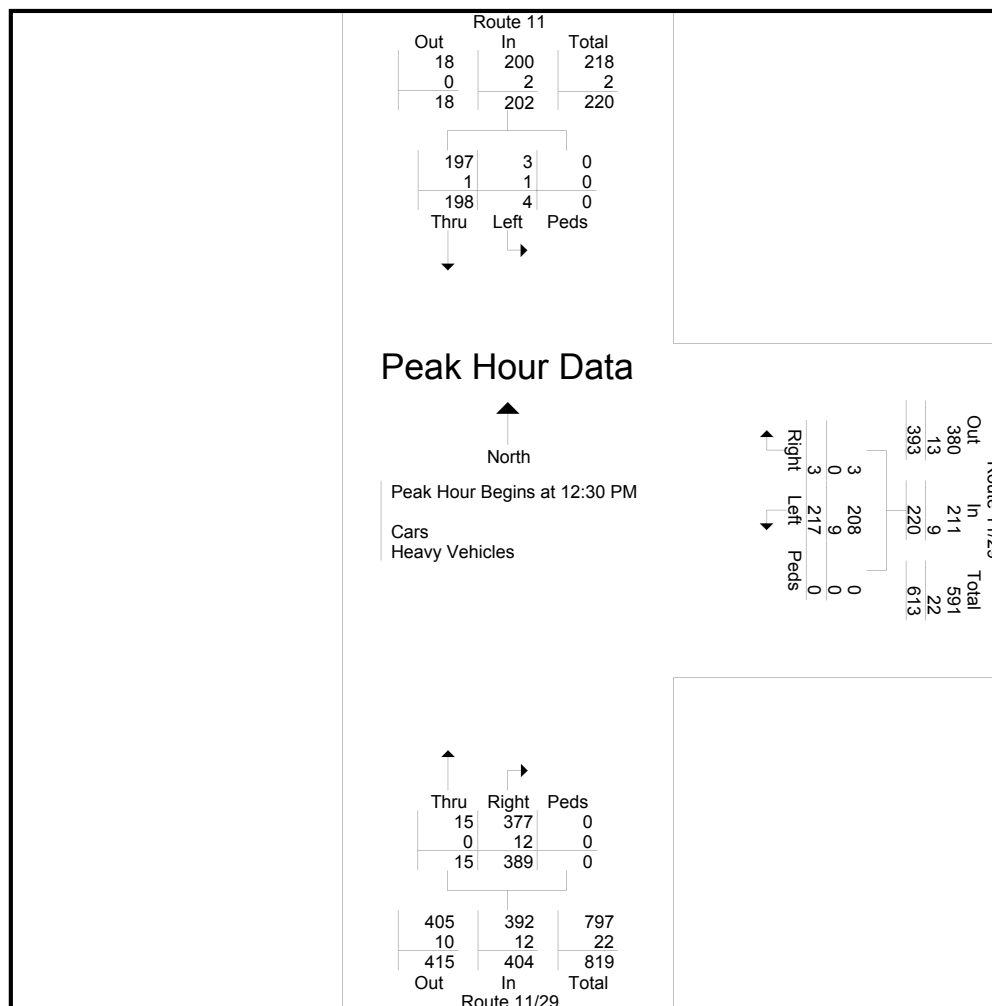
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Luzerne County, PA
Intersection: Rt. 11 / Rt. 29
Date: Tuesday, April 13, 2010
Counter: ET / JT

File Name : SM0413-17
Site Code : 00000000
Start Date : 4/13/2010
Page No : 4

	Route 11 Southbound				Route 11/29 Westbound				Route 11/29 Northbound				
Start Time	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Int. Total
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 12:30 PM													
12:30 PM	55	1	0	56	1	51	0	52	116	2	0	118	226
12:45 PM	58	1	0	59	0	46	0	46	82	4	0	86	191
01:00 PM	36	0	0	36	1	49	0	50	87	5	0	92	178
01:15 PM	49	2	0	51	1	71	0	72	104	4	0	108	231
Total Volume	198	4	0	202	3	217	0	220	389	15	0	404	826
% App. Total	98	2	0		1.4	98.6	0		96.3	3.7	0		
PHF	.853	.500	.000	.856	.750	.764	.000	.764	.838	.750	.000	.856	.894
Cars	197	3	0	200	3	208	0	211	377	15	0	392	803
% Cars	99.5	75.0	0	99.0	100	95.9	0	95.9	96.9	100	0	97.0	97.2
Heavy Vehicles	1	1	0	2	0	9	0	9	12	0	0	12	23
% Heavy Vehicles	0.5	25.0	0	1.0	0	4.1	0	4.1	3.1	0	0	3.0	2.8



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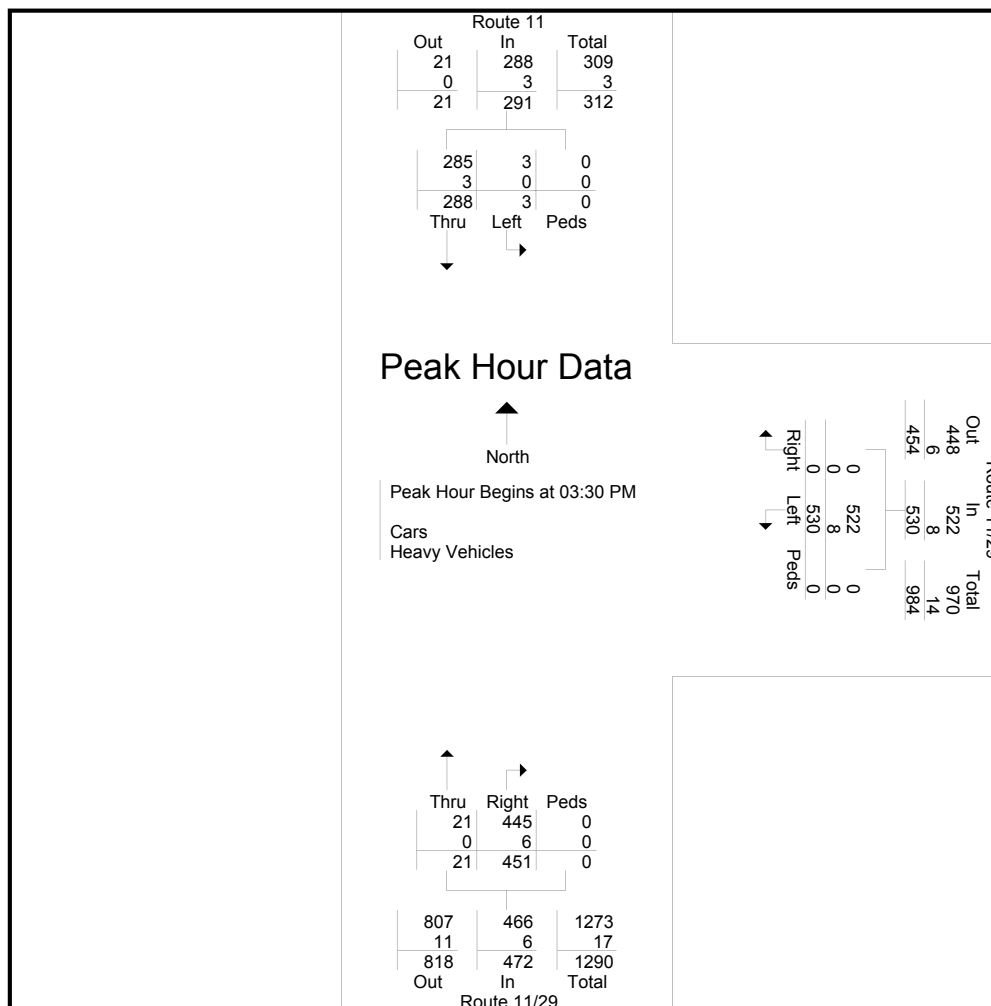
Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Location: Luzerne County, PA
Intersection: Rt. 11 / Rt. 29
Date: Tuesday, April 13, 2010
Counter: ET / JT

File Name : SM0413-17
Site Code : 00000000
Start Date : 4/13/2010
Page No : 5

	Route 11 Southbound				Route 11/29 Westbound				Route 11/29 Northbound				
Start Time	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 03:30 PM													
03:30 PM	65	0	0	65	0	142	0	142	124	5	0	129	336
03:45 PM	79	1	0	80	0	118	0	118	100	5	0	105	303
04:00 PM	73	2	0	75	0	141	0	141	104	7	0	111	327
04:15 PM	71	0	0	71	0	129	0	129	123	4	0	127	327
Total Volume	288	3	0	291	0	530	0	530	451	21	0	472	1293
% App. Total	99	1	0		0	100	0		95.6	4.4	0		
PHF	.911	.375	.000	.909	.000	.933	.000	.933	.909	.750	.000	.915	.962
Cars	285	3	0	288	0	522	0	522	445	21	0	466	1276
% Cars	99.0	100	0	99.0	0	98.5	0	98.5	98.7	100	0	98.7	98.7
Heavy Vehicles	3	0	0	3	0	8	0	8	6	0	0	6	17
% Heavy Vehicles	1.0	0	0	1.0	0	1.5	0	1.5	1.3	0	0	1.3	1.3



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Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.com

Page 1

Road: Rt 93 NB
Location: Between Cooper and Berwick
Weather: Clear
Counter: TSTD

Site Code: 00001 NB
Station ID:

Longitude: 0' 0.000 Undefined
Latitude: 0' 0.000 Undefined

Start Time	Mon 12-Apr-10	Tue 13-Apr-10	Wed 14-Apr-10	Thu 15-Apr-10	Fri 16-Apr-10	Average Day	Sat 17-Apr-10	Sun 18-Apr-10	Week Average
12:00 AM	*	*	25	46	51	41	70	49	48 
01:00	*	*	17	12	27	19	41	35	26 
02:00	*	*	23	16	18	19	40	32	26 
03:00	*	*	19	15	16	17	22	15	17 
04:00	*	*	46	45	40	44	31	25	37 
05:00	*	*	180	173	149	167	92	61	131 
06:00	*	*	313	326	338	326	146	97	244 
07:00	*	*	531	544	562	546	228	118	397 
08:00	*	*	436	474	473	461	286	182	370 
09:00	*	*	322	311	364	332	341	254	318 
10:00	*	*	308	326	365	333	387	302	338 
11:00	*	*	336	376	388	367	382	306	358 
12:00 PM	*	*	364	379	407	383	373	393	383 
01:00	*	*	365	401	424	397	352	357	380 
02:00	*	*	419	404	423	415	367	302	383 
03:00	*	*	464	474	546	495	348	302	427 
04:00	*	496	523	537	523	520	354	338	462 
05:00	*	507	495	492	562	514	336	339	455 
06:00	*	363	425	395	471	414	340	291	381 
07:00	*	252	297	326	271	286	245	242	272 
08:00	*	190	256	272	246	241	186	183	222 
09:00	*	112	123	150	186	143	161	142	146 
10:00	*	102	112	101	164	120	134	90	117 
11:00	*	83	74	95	97	87	90	49	81 
Day Total	0	2105	6473	6690	7111	6687	5352	4504	6019
% Avg. WkDay	0.0%	31.5%	96.8%	100.0%	106.3%				
% Avg. Week	0.0%	35.0%	107.5%	111.1%	118.1%	111.1%	88.9%	74.8%	
AM Peak			07:00	07:00	07:00	07:00	10:00	11:00	07:00
Vol.			531	544	562	546	387	306	397
PM Peak		17:00	16:00	16:00	17:00	16:00	12:00	12:00	16:00
Vol.		507	523	537	562	520	373	393	462

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Tri-State Traffic Data, Inc.

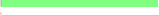
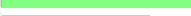
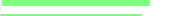
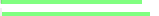
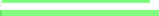
Page 2

610-466-1469
www.TSTData.com

Road: Rt 93 NB
Location: Between Cooper and Berwick
Weather: Clear
Counter: TSTD

Site Code: 00001 NB
Station ID:

Longitude: 0' 0.000 Undefined
Latitude: 0' 0.000 Undefined

Start Time	Mon 19-Apr-10	Tue 20-Apr-10	Wed 21-Apr-10	Thu 22-Apr-10	Fri 23-Apr-10	Average Day	Sat 24-Apr-10	Sun 25-Apr-10	Week Average
12:00 AM	36	38	36	29	*	35	*	*	35 
01:00	25	18	18	12	*	18	*	*	18 
02:00	17	28	27	26	*	24	*	*	24 
03:00	11	15	15	19	*	15	*	*	15 
04:00	49	39	35	41	*	41	*	*	41 
05:00	170	168	148	160	*	162	*	*	162 
06:00	347	354	341	342	*	346	*	*	346 
07:00	556	553	585	558	*	563	*	*	563 
08:00	442	448	444	348	*	420	*	*	420 
09:00	292	340	355	*	*	329	*	*	329 
10:00	308	324	300	*	*	311	*	*	311 
11:00	333	331	320	*	*	328	*	*	328 
12:00 PM	360	330	359	*	*	350	*	*	350 
01:00	389	356	358	*	*	368	*	*	368 
02:00	430	376	408	*	*	405	*	*	405 
03:00	461	496	490	*	*	482	*	*	482 
04:00	507	521	544	*	*	524	*	*	524 
05:00	480	495	496	*	*	490	*	*	490 
06:00	375	342	357	*	*	358	*	*	358 
07:00	268	300	325	*	*	298	*	*	298 
08:00	195	218	236	*	*	216	*	*	216 
09:00	134	141	154	*	*	143	*	*	143 
10:00	120	103	96	*	*	106	*	*	106 
11:00	82	93	92	*	*	89	*	*	89 
Day Total	6387	6427	6539	1535	0	6421	0	0	6421
% Avg. WkDay	99.5%	100.1%	101.8%	23.9%	0.0%				
% Avg. Week	99.5%	100.1%	101.8%	23.9%	0.0%	100.0%	0.0%	0.0%	
AM Peak	07:00	07:00	07:00	07:00		07:00			07:00
Vol.	556	553	585	558		563			563
PM Peak	16:00	16:00	16:00			16:00			16:00
Vol.	507	521	544			524			524
Grand Total	6387	8532	13012	8225	7111	13108	5352	4504	12440
ADT		ADT 6,185			AADT 6,185				

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Tri-State Traffic Data, Inc.

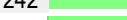
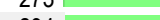
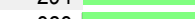
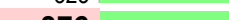
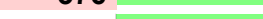
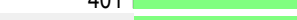
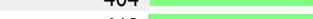
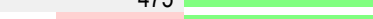
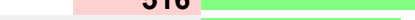
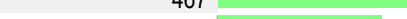
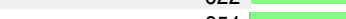
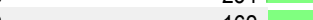
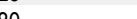
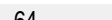
610-466-1469
www.TSTData.com

Page 1

Road: Rt 93 SB
Location: Between Cooper and Berwick
Weather: Clear
Counter: TSTD

Site Code: 00001 SB
Station ID:

Longitude: 0' 0.000 Undefined
Latitude: 0' 0.000 Undefined

Start Time	Mon 12-Apr-10	Tue 13-Apr-10	Wed 14-Apr-10	Thu 15-Apr-10	Fri 16-Apr-10	Average Day	Sat 17-Apr-10	Sun 18-Apr-10	Week Average
12:00 AM	*	*	48	58	55	54	77	62	60 
01:00	*	*	35	32	47	38	31	33	36 
02:00	*	*	34	29	31	31	24	37	31 
03:00	*	*	54	55	62	57	24	24	44 
04:00	*	*	73	58	52	61	25	19	45 
05:00	*	*	149	145	129	141	56	31	102 
06:00	*	*	237	246	224	236	103	82	178 
07:00	*	*	339	314	326	326	152	80	242 
08:00	*	*	310	346	329	328	226	154	273 
09:00	*	*	265	304	384	318	306	213	294 
10:00	*	*	311	310	343	321	366	284	323 
11:00	*	*	359	347	417	374	423	333	376 
12:00 PM	*	*	344	402	402	383	442	414	401 
01:00	*	*	396	388	438	407	396	401	404 
02:00	*	*	421	429	452	434	426	338	413 
03:00	*	*	532	539	581	551	375	349	475 
04:00	*	610	589	568	581	587	378	369	516 
05:00	*	549	530	540	507	532	330	348	467 
06:00	*	400	404	452	456	428	305	283	383 
07:00	*	332	352	420	299	351	245	284	322 
08:00	*	244	309	287	232	268	229	223	254 
09:00	*	147	189	157	200	173	159	123	162 
10:00	*	99	83	82	156	105	134	80	106 
11:00	*	66	87	70	98	80	82	64	78 
Day Total	0	2447	6450	6578	6801	6584	5314	4628	5985
% Avg. WkDay	0.0%	37.2%	98.0%	99.9%	103.3%				
% Avg. Week	0.0%	40.9%	107.8%	109.9%	113.6%	110.0%	88.8%	77.3%	
AM Peak			11:00	11:00	11:00	11:00	11:00	11:00	11:00
Vol.			359	347	417	374	423	333	376
PM Peak		16:00	16:00	16:00	15:00	16:00	12:00	12:00	16:00
Vol.		610	589	568	581	587	442	414	516

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Tri-State Traffic Data, Inc.

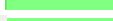
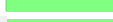
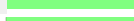
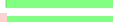
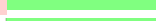
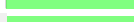
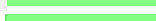
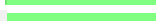
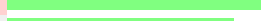
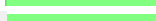
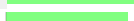
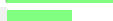
610-466-1469
www.TSTData.com

Page 2

Road: Rt 93 SB
Location: Between Cooper and Berwick
Weather: Clear
Counter: TSTD

Site Code: 00001 SB
Station ID:

Longitude: 0' 0.000 Undefined
Latitude: 0' 0.000 Undefined

Start Time	Mon 19-Apr-10	Tue 20-Apr-10	Wed 21-Apr-10	Thu 22-Apr-10	Fri 23-Apr-10	Average Day	Sat 24-Apr-10	Sun 25-Apr-10	Week Average
12:00 AM	37	60	55	54	*	52	*	*	52 
01:00	41	26	33	33	*	33	*	*	33 
02:00	29	25	46	32	*	33	*	*	33 
03:00	53	42	40	53	*	47	*	*	47 
04:00	65	74	52	61	*	63	*	*	63 
05:00	154	161	158	164	*	159	*	*	159 
06:00	262	252	266	246	*	256	*	*	256 
07:00	341	326	311	297	*	319	*	*	319 
08:00	293	293	330	228	*	286	*	*	286 
09:00	335	305	324	*	*	321	*	*	321 
10:00	287	298	320	*	*	302	*	*	302 
11:00	345	379	392	*	*	372	*	*	372 
12:00 PM	371	324	368	*	*	354	*	*	354 
01:00	364	355	386	*	*	368	*	*	368 
02:00	378	412	369	*	*	386	*	*	386 
03:00	591	555	543	*	*	563	*	*	563 
04:00	560	588	624	*	*	591	*	*	591 
05:00	559	509	519	*	*	529	*	*	529 
06:00	347	378	427	*	*	384	*	*	384 
07:00	339	364	347	*	*	350	*	*	350 
08:00	258	285	309	*	*	284	*	*	284 
09:00	159	167	137	*	*	154	*	*	154 
10:00	67	88	85	*	*	80	*	*	80 
11:00	70	88	82	*	*	80	*	*	80 
Day Total	6305	6354	6523	1168	0	6366	0	0	6366
% Avg. WkDay	99.0%	99.8%	102.5%	18.3%	0.0%				
% Avg. Week	99.0%	99.8%	102.5%	18.3%	0.0%	100.0%	0.0%	0.0%	
AM Peak	11:00	11:00	11:00	07:00		11:00			11:00
Vol.	345	379	392	297		372			372
PM Peak	15:00	16:00	16:00			16:00			16:00
Vol.	591	588	624			591			591
Grand Total	6305	8801	12973	7746	6801	12950	5314	4628	12351
ADT	ADT 6,119		AADT 6,119						

Tri-State Traffic Data, Inc.

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Page 1

Road: Rt 11
Location: North of Rt 29/11 Split
Weather: Clear
Counter: TSTDSite Code: 00004
Station ID: 00004Longitude: 0' 0.000 Undefined
Latitude: 0' 0.000 Undefined

Start Time	12-Apr-10		Tue		Wed		Thu		Fri		Weekday Average		Sat		Sun	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
12:00 AM	*	*	*	*	4	43	10	52	14	73	9	56	18	107	20	96
01:00	*	*	*	*	4	32	16	30	10	54	10	39	6	52	26	84
02:00	*	*	*	*	0	26	0	30	0	28	0	28	2	44	2	81
03:00	*	*	*	*	0	22	0	12	4	14	1	16	0	14	0	20
04:00	*	*	*	*	0	18	0	32	0	27	0	26	2	32	0	34
05:00	*	*	*	*	0	93	0	99	2	96	1	96	0	103	2	107
06:00	*	*	*	*	2	248	2	284	2	254	2	262	2	187	4	142
07:00	*	*	*	*	10	343	14	325	14	324	13	331	6	217	6	178
08:00	*	*	*	*	14	350	16	339	18	320	16	336	17	282	14	322
09:00	*	*	*	*	90	291	10	306	19	341	40	313	127	258	20	290
10:00	*	*	*	*	48	341	20	340	93	352	54	344	30	348	32	338
11:00	*	*	*	*	21	399	41	387	20	432	27	406	28	449	22	396
12:00 PM	*	*	*	*	32	420	14	410	177	299	74	376	42	390	48	434
01:00	*	*	*	*	28	478	45	484	34	549	36	504	26	485	26	460
02:00	*	*	*	*	44	457	36	462	43	529	41	483	34	467	28	389
03:00	*	*	38	565	46	607	47	602	42	581	43	589	34	460	18	392
04:00	*	*	32	579	31	644	50	621	49	537	40	595	16	379	24	403
05:00	*	*	38	574	55	617	50	635	18	608	40	608	29	435	25	431
06:00	*	*	35	438	47	445	54	490	24	476	40	462	34	379	27	384
07:00	*	*	24	322	35	361	52	400	20	401	33	371	16	313	26	306
08:00	*	*	21	288	36	343	26	372	26	284	27	322	36	206	22	249
09:00	*	*	16	220	18	256	10	256	20	259	16	248	8	226	18	154
10:00	*	*	2	122	18	120	28	128	8	170	14	135	24	140	4	120
11:00	*	*	4	84	6	125	20	90	12	121	10	105	20	110	4	56
Total	0	0	210	3192	589	7079	561	7186	669	7129	587	7051	557	6083	418	5866
Day	0	0	3402		7668		7747		7798		7638		6640		6284	
AM Peak Vol.					09:00 90	11:00 399	11:00 41	11:00 387	10:00 93	11:00 432	10:00 54	11:00 406	09:00 127	11:00 449	10:00 32	11:00 396
PM Peak Vol.			15:00 38	16:00 579	17:00 55	16:00 644	18:00 54	17:00 635	12:00 177	17:00 608	12:00 74	17:00 608	12:00 42	13:00 485	12:00 48	13:00 460

Tri-State Traffic Data, Inc.

610-466-1469
www.TSTData.comRoad: Rt 11
Location: North of Rt 29/11 Split
Weather: Clear
Counter: TSTDSite Code: 00004
Station ID: 00004Longitude: 0' 0.000 Undefined
Latitude: 0' 0.000 Undefined

Start Time	19-Apr-10		Tue		Wed		Thu		Fri		Weekday Average		Sat		Sun	
	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB
12:00 AM	4	44	0	54	4	81	10	64	*	*	4	61	*	*	*	*
01:00	2	26	8	34	4	34	6	34	*	*	5	32	*	*	*	*
02:00	0	22	0	18	0	24	0	38	*	*	0	26	*	*	*	*
03:00	2	10	0	13	2	24	0	17	*	*	1	16	*	*	*	*
04:00	6	33	0	14	2	29	0	24	*	*	2	25	*	*	*	*
05:00	0	98	0	111	0	95	2	105	*	*	0	102	*	*	*	*
06:00	8	279	4	294	2	261	10	279	*	*	6	278	*	*	*	*
07:00	16	350	16	337	18	340	30	236	*	*	20	316	*	*	*	*
08:00	16	332	18	349	49	366	*	*	*	*	28	349	*	*	*	*
09:00	9	293	10	366	16	389	*	*	*	*	12	349	*	*	*	*
10:00	22	372	33	319	26	364	*	*	*	*	27	352	*	*	*	*
11:00	18	355	47	416	18	417	*	*	*	*	28	396	*	*	*	*
12:00 PM	18	450	57	404	14	450	*	*	*	*	30	435	*	*	*	*
01:00	26	421	32	457	36	408	*	*	*	*	31	429	*	*	*	*
02:00	55	446	46	481	41	472	*	*	*	*	47	466	*	*	*	*
03:00	37	589	46	612	70	554	*	*	*	*	51	585	*	*	*	*
04:00	47	577	36	635	36	665	*	*	*	*	40	626	*	*	*	*
05:00	47	659	44	585	48	648	*	*	*	*	46	631	*	*	*	*
06:00	26	422	51	475	98	420	*	*	*	*	58	439	*	*	*	*
07:00	26	373	30	372	30	351	*	*	*	*	29	365	*	*	*	*
08:00	14	250	22	292	20	296	*	*	*	*	19	279	*	*	*	*
09:00	10	204	26	243	12	241	*	*	*	*	16	229	*	*	*	*
10:00	18	128	22	170	20	124	*	*	*	*	20	141	*	*	*	*
11:00	6	86	8	98	6	99	*	*	*	*	7	94	*	*	*	*
Total	433	6819	556	7149	572	7152	58	797	0	0	527	7021	0	0	0	0
Day	7252		7705		7724		855		0		7548		0		0	
AM Peak	10:00	10:00	11:00	11:00	08:00	11:00	07:00	06:00			08:00	11:00				
Vol.	22	372	47	416	49	417	30	279			28	396				
PM Peak	14:00	17:00	12:00	16:00	18:00	16:00					18:00	17:00				
Vol.	55	659	57	635	98	665					58	631				

Comb. Total	7252	11107	15392	8602	7798	15186	6640	6284
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ADT	ADT 7,352	AADT 7,352						
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Tri-State Traffic Data, Inc.

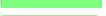
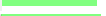
610-466-1469
www.TSTData.com

Page 1

Road: Rt 11 NB
Location: Between Confers and Pinecrest
Weather: Clear
Counter: TSTD

Site Code: 00002 NB
Station ID:

Longitude: 0' 0.000 Undefined
Latitude: 0' 0.000 Undefined

Start Time	Mon 12-Apr-10	Tue 13-Apr-10	Wed 14-Apr-10	Thu 15-Apr-10	Fri 16-Apr-10	Average Day	Sat 17-Apr-10	Sun 18-Apr-10	Week Average
12:00 AM	*	*	46	39	37	41	50	16	38 
01:00	*	*	13	13	15	14	4	16	12 
02:00	*	*	18	8	16	14	11	13	13 
03:00	*	*	16	22	23	20	8	12	16 
04:00	*	*	63	63	52	59	38	20	47 
05:00	*	*	270	279	242	264	119	84	199 
06:00	*	*	382	399	394	392	176	134	297 
07:00	*	*	294	290	308	297	136	75	221 
08:00	*	*	206	223	238	222	122	87	175 
09:00	*	*	198	204	200	201	122	110	167 
10:00	*	*	189	182	185	185	194	119	174 
11:00	*	*	208	230	213	217	192	158	200 
12:00 PM	*	*	240	220	230	230	229	203	224 
01:00	*	*	225	240	233	233	187	209	219 
02:00	*	*	243	235	240	239	190	170	216 
03:00	*	*	262	318	301	294	173	173	245 
04:00	*	237	327	323	352	310	233	194	278 
05:00	*	264	292	309	279	286	178	152	246 
06:00	*	232	238	257	247	244	172	179	221 
07:00	*	110	111	135	125	120	107	118	118 
08:00	*	95	104	118	88	101	96	98	100 
09:00	*	55	91	79	89	78	69	64	74 
10:00	*	37	51	50	66	51	51	45	50 
11:00	*	50	55	49	52	52	36	22	44 
Day Total	0	1080	4142	4285	4225	4164	2893	2471	3594
% Avg. WkDay	0.0%	25.9%	99.5%	102.9%	101.5%				
% Avg. Week	0.0%	30.1%	115.2%	119.2%	117.6%	115.9%	80.5%	68.8%	
AM Peak			06:00	06:00	06:00	06:00	10:00	11:00	06:00
Vol.			382	399	394	392	194	158	297
PM Peak		17:00	16:00	16:00	16:00	16:00	16:00	13:00	16:00
Vol.		264	327	323	352	310	233	209	278

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Tri-State Traffic Data, Inc.

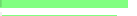
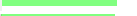
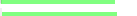
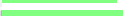
610-466-1469
www.TSTData.com

Page 2

Road: Rt 11 NB
Location: Between Confers and Pinecrest
Weather: Clear
Counter: TSTD

Site Code: 00002 NB
Station ID:

Longitude: 0' 0.000 Undefined
Latitude: 0' 0.000 Undefined

Start Time	Mon 19-Apr-10	Tue 20-Apr-10	Wed 21-Apr-10	Thu 22-Apr-10	Fri 23-Apr-10	Average Day	Sat 24-Apr-10	Sun 25-Apr-10	Week Average
12:00 AM	24	40	42	37	*	36	*	*	36 
01:00	20	11	14	18	*	16	*	*	16 
02:00	16	21	15	14	*	16	*	*	16 
03:00	28	28	22	16	*	24	*	*	24 
04:00	57	51	52	58	*	54	*	*	54 
05:00	198	213	201	198	*	202	*	*	202 
06:00	438	433	446	458	*	444	*	*	444 
07:00	301	319	304	304	*	307	*	*	307 
08:00	219	238	208	*	*	222	*	*	222 
09:00	192	196	218	*	*	202	*	*	202 
10:00	214	197	183	*	*	198	*	*	198 
11:00	231	203	173	*	*	202	*	*	202 
12:00 PM	208	213	215	*	*	212	*	*	212 
01:00	209	218	224	*	*	217	*	*	217 
02:00	203	196	212	*	*	204	*	*	204 
03:00	265	282	310	*	*	286	*	*	286 
04:00	321	329	315	*	*	322	*	*	322 
05:00	309	279	270	*	*	286	*	*	286 
06:00	178	204	207	*	*	196	*	*	196 
07:00	86	119	104	*	*	103	*	*	103 
08:00	90	105	98	*	*	98	*	*	98 
09:00	73	79	67	*	*	73	*	*	73 
10:00	69	59	75	*	*	68	*	*	68 
11:00	45	40	59	*	*	48	*	*	48 
Day Total	3994	4073	4034	1103	0	4036	0	0	4036
% Avg. WkDay	99.0%	100.9%	100.0%	27.3%	0.0%				
% Avg. Week	99.0%	100.9%	100.0%	27.3%	0.0%	100.0%	0.0%	0.0%	
AM Peak	06:00	06:00	06:00	06:00		06:00			06:00
Vol.	438	433	446	458		444			444
PM Peak	16:00	16:00	16:00			16:00			16:00
Vol.	321	329	315			322			322
Grand Total	3994	5153	8176	5388	4225	8200	2893	2471	7630
ADT		ADT 3,765			AADT 3,765				

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Tri-State Traffic Data, Inc.

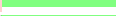
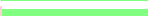
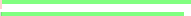
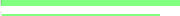
610-466-1469
www.TSTData.com

Page 1

Road: Rt 11 SB
Location: Between Confers and Pinecrest
Weather: Clear
Counter: TSTD

Site Code: 00002 SB
Station ID:

Longitude: 0' 0.000 Undefined
Latitude: 0' 0.000 Undefined

Start Time	Mon 12-Apr-10	Tue 13-Apr-10	Wed 14-Apr-10	Thu 15-Apr-10	Fri 16-Apr-10	Average Day	Sat 17-Apr-10	Sun 18-Apr-10	Week Average
12:00 AM	*	*	56	61	52	56	48	29	49 
01:00	*	*	43	43	49	45	48	21	41 
02:00	*	*	27	21	24	24	31	23	25 
03:00	*	*	34	23	32	30	20	11	24 
04:00	*	*	55	48	46	50	27	15	38 
05:00	*	*	85	86	72	81	41	22	61 
06:00	*	*	208	227	217	217	106	72	166 
07:00	*	*	254	281	276	270	119	71	200 
08:00	*	*	212	202	190	201	131	91	165 
09:00	*	*	180	198	195	191	172	127	174 
10:00	*	*	204	201	204	203	166	126	180 
11:00	*	*	205	213	227	215	215	158	204 
12:00 PM	*	*	211	178	248	212	220	174	206 
01:00	*	*	223	229	238	230	186	165	208 
02:00	*	*	296	296	381	324	181	180	267 
03:00	*	*	384	427	460	424	227	197	339 
04:00	*	*	370	432	466	423	187	167	324 
05:00	*	332	355	315	316	330	189	179	281 
06:00	*	240	253	250	287	258	188	198	236 
07:00	*	137	171	139	190	159	149	146	155 
08:00	*	105	130	99	129	116	90	107	110 
09:00	*	68	76	101	102	87	92	64	84 
10:00	*	62	69	70	77	70	73	58	68 
11:00	*	63	63	52	65	61	69	39	58 
Day Total	0	1007	4164	4192	4543	4277	2975	2440	3663
% Avg. WkDay	0.0%	23.5%	97.4%	98.0%	106.2%				
% Avg. Week	0.0%	27.5%	113.7%	114.4%	124.0%	116.8%	81.2%	66.6%	
AM Peak Vol.			07:00 254	07:00 281	07:00 276	07:00 270	11:00 215	11:00 158	11:00 204
PM Peak Vol.		17:00 332	15:00 384	16:00 432	16:00 466	15:00 424	15:00 227	18:00 198	15:00 339

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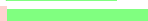
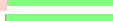
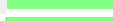
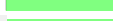
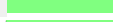
610-466-1469
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Page 2

Road: Rt 11 SB
Location: Between Confers and Pinecrest
Weather: Clear
Counter: TSTD

Site Code: 00002 SB
Station ID:

Longitude: 0' 0.000 Undefined
Latitude: 0' 0.000 Undefined

Start Time	Mon 19-Apr-10	Tue 20-Apr-10	Wed 21-Apr-10	Thu 22-Apr-10	Fri 23-Apr-10	Average Day	Sat 24-Apr-10	Sun 25-Apr-10	Week Average
12:00 AM	13	49	40	38	*	35	*	*	35 
01:00	14	31	41	55	*	35	*	*	35 
02:00	16	28	27	24	*	24	*	*	24 
03:00	31	29	25	30	*	29	*	*	29 
04:00	42	34	44	41	*	40	*	*	40 
05:00	84	86	83	82	*	84	*	*	84 
06:00	185	194	194	214	*	197	*	*	197 
07:00	258	276	244	243	*	255	*	*	255 
08:00	230	214	195	*	*	213	*	*	213 
09:00	219	179	183	*	*	194	*	*	194 
10:00	222	210	205	*	*	212	*	*	212 
11:00	191	248	184	*	*	208	*	*	208 
12:00 PM	218	176	228	*	*	207	*	*	207 
01:00	273	278	248	*	*	266	*	*	266 
02:00	289	303	307	*	*	300	*	*	300 
03:00	470	458	424	*	*	451	*	*	451 
04:00	378	403	379	*	*	387	*	*	387 
05:00	307	280	299	*	*	295	*	*	295 
06:00	203	220	239	*	*	221	*	*	221 
07:00	120	153	155	*	*	143	*	*	143 
08:00	88	110	88	*	*	95	*	*	95 
09:00	90	82	91	*	*	88	*	*	88 
10:00	86	71	90	*	*	82	*	*	82 
11:00	64	68	56	*	*	63	*	*	63 
Day Total	4091	4180	4069	727	0	4124	0	0	4124
% Avg. WkDay	99.2%	101.4%	98.7%	17.6%	0.0%				
% Avg. Week	99.2%	101.4%	98.7%	17.6%	0.0%	100.0%	0.0%	0.0%	
AM Peak	07:00	07:00	07:00	07:00		07:00			07:00
Vol.	258	276	244	243		255			255
PM Peak	15:00	15:00	15:00			15:00			15:00
Vol.	470	458	424			451			451
Grand Total	4091	5187	8233	4919	4543	8401	2975	2440	7787
ADT		ADT 3,832			AADT 3,832				

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Tri-State Traffic Data, Inc.

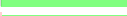
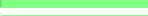
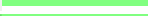
610-466-1469
www.TSTData.com

Page 1

Road: Rt 29 NB
Location: North of Split
Weather: Clear
Counter: TSTD

Site Code: 00003 11N\29S
Station ID:

Longitude: 0' 0.000 Undefined
Latitude: 0' 0.000 Undefined

Start Time	Mon 12-Apr-10	Tue 13-Apr-10	Wed 14-Apr-10	Thu 15-Apr-10	Fri 16-Apr-10	Average Day	Sat 17-Apr-10	Sun 18-Apr-10	Week Average
12:00 AM	*	*	*	41	34	38	63	58	49 
01:00	*	*	*	37	33	35	26	48	36 
02:00	*	*	*	27	33	30	27	35	30 
03:00	*	*	*	36	39	38	27	20	30 
04:00	*	*	*	78	62	70	30	17	47 
05:00	*	*	*	262	272	267	100	54	172 
06:00	*	*	*	622	583	602	236	135	394 
07:00	*	*	*	809	789	799	279	217	524 
08:00	*	*	*	601	659	630	327	281	467 
09:00	*	*	*	439	487	463	480	412	454 
10:00	*	*	*	433	478	456	555	501	492 
11:00	*	*	*	380	439	410	553	523	474 
12:00 PM	*	*	*	457	470	464	559	582	517 
01:00	*	*	*	412	458	435	475	532	469 
02:00	*	*	*	470	525	498	478	498	493 
03:00	*	*	*	552	574	563	488	402	504 
04:00	*	*	484	536	548	523	442	377	477 
05:00	*	*	458	480	439	459	434	342	431 
06:00	*	*	370	404	436	403	372	321	381 
07:00	*	*	296	324	300	307	275	288	297 
08:00	*	*	219	220	189	209	201	209	208 
09:00	*	*	170	136	175	160	148	126	151 
10:00	*	*	151	166	171	163	180	127	159 
11:00	*	*	82	70	88	80	131	106	95 
Day Total	0	0	2230	7992	8281	8102	6886	6211	7351
% Avg. WkDay	0.0%	0.0%	27.5%	98.6%	102.2%				
% Avg. Week	0.0%	0.0%	30.3%	108.7%	112.7%	110.2%	93.7%	84.5%	
AM Peak Vol.				07:00 809	07:00 789	07:00 799	10:00 555	11:00 523	07:00 524
PM Peak Vol.			16:00 484	15:00 552	15:00 574	15:00 563	12:00 559	12:00 582	12:00 517

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Tri-State Traffic Data, Inc.

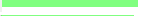
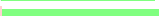
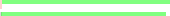
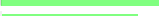
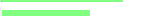
610-466-1469
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Page 2

Road: Rt 29 NB
Location: North of Split
Weather: Clear
Counter: TSTD

Site Code: 00003 11N\29S
Station ID:

Longitude: 0' 0.000 Undefined
Latitude: 0' 0.000 Undefined

Start Time	Mon 19-Apr-10	Tue 20-Apr-10	Wed 21-Apr-10	Thu 22-Apr-10	Fri 23-Apr-10	Average Day	Sat 24-Apr-10	Sun 25-Apr-10	Week Average
12:00 AM	33	46	47	56	*	46	*	*	46 
01:00	19	21	36	21	*	24	*	*	24 
02:00	35	24	26	28	*	28	*	*	28 
03:00	37	45	51	42	*	44	*	*	44 
04:00	75	73	68	72	*	72	*	*	72 
05:00	260	275	280	261	*	269	*	*	269 
06:00	601	610	670	634	*	629	*	*	629 
07:00	817	830	849	627	*	781	*	*	781 
08:00	607	641	603	*	*	617	*	*	617 
09:00	457	482	466	*	*	468	*	*	468 
10:00	380	395	429	*	*	401	*	*	401 
11:00	432	404	426	*	*	421	*	*	421 
12:00 PM	427	363	430	*	*	407	*	*	407 
01:00	422	458	451	*	*	444	*	*	444 
02:00	484	478	455	*	*	472	*	*	472 
03:00	525	498	581	*	*	535	*	*	535 
04:00	480	517	518	*	*	505	*	*	505 
05:00	441	388	432	*	*	420	*	*	420 
06:00	347	405	369	*	*	374	*	*	374 
07:00	233	301	281	*	*	272	*	*	272 
08:00	196	228	224	*	*	216	*	*	216 
09:00	122	139	177	*	*	146	*	*	146 
10:00	129	138	137	*	*	135	*	*	135 
11:00	63	79	84	*	*	75	*	*	75 
Day Total	7622	7838	8090	1741	0	7801	0	0	7801
% Avg. WkDay	97.7%	100.5%	103.7%	22.3%	0.0%				
% Avg. Week	97.7%	100.5%	103.7%	22.3%	0.0%	100.0%	0.0%	0.0%	
AM Peak	07:00	07:00	07:00	06:00		07:00			07:00
Vol.	817	830	849	634		781			781
PM Peak	15:00	16:00	15:00			15:00			15:00
Vol.	525	517	581			535			535
Grand Total	7622	7838	10320	9733	8281	15903	6886	6211	15152
ADT	ADT 7,560		AADT 7,560						

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Tri-State Traffic Data, Inc.

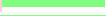
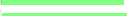
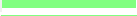
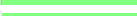
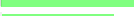
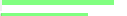
610-466-1469
www.TSTData.com

Page 1

Road: Rt 29 SB
Location: North of Split
Weather: Clear
Counter: TSTD

Site Code: 000000000003
Station ID:

Longitude: 0' 0.000 Undefined
Latitude: 0' 0.000 Undefined

Start Time	Mon 12-Apr-10	Tue 13-Apr-10	Wed 14-Apr-10	Thu 15-Apr-10	Fri 16-Apr-10	Average Day	Sat 17-Apr-10	Sun 18-Apr-10	Week Average
12:00 AM	*	*	*	48	48	48	60	52	52 
01:00	*	*	*	38	38	38	48	51	44 
02:00	*	*	*	12	25	18	39	25	25 
03:00	*	*	*	17	23	20	21	27	22 
04:00	*	*	*	28	41	34	36	30	34 
05:00	*	*	*	96	99	98	53	58	76 
06:00	*	*	*	168	124	146	90	85	117 
07:00	*	*	*	187	205	196	135	145	168 
08:00	*	*	*	189	155	172	147	171	166 
09:00	*	*	*	192	185	188	153	172	176 
10:00	*	*	*	203	206	204	214	203	206 
11:00	*	*	*	230	256	243	259	198	236 
12:00 PM	*	*	*	221	322	272	320	253	279 
01:00	*	*	*	294	327	310	356	246	306 
02:00	*	*	*	313	380	346	316	242	313 
03:00	*	*	*	502	541	522	332	279	414 
04:00	*	*	579	557	566	567	330	274	461 
05:00	*	*	530	468	502	500	283	269	410 
06:00	*	*	300	321	397	339	244	242	301 
07:00	*	*	254	252	302	269	238	235	256 
08:00	*	*	199	220	229	216	196	142	197 
09:00	*	*	153	168	206	176	176	117	164 
10:00	*	*	88	110	134	111	115	47	99 
11:00	*	*	87	68	103	86	119	31	82 
Day Total	0	0	2190	4902	5414	5119	4280	3594	4604
% Avg. WkDay	0.0%	0.0%	42.8%	95.8%	105.8%				
% Avg. Week	0.0%	0.0%	47.6%	106.5%	117.6%	111.2%	93.0%	78.1%	
AM Peak				11:00	11:00	11:00	11:00	10:00	11:00
Vol.				230	256	243	259	203	236
PM Peak			16:00	16:00	16:00	16:00	13:00	15:00	16:00
Vol.			579	557	566	567	356	279	461

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Tri-State Traffic Data, Inc.

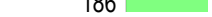
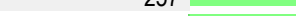
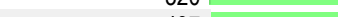
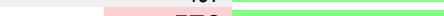
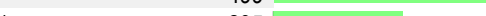
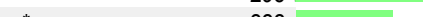
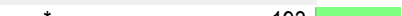
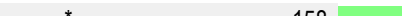
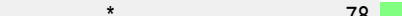
610-466-1469
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Page 2

Road: Rt 29 SB
Location: North of Split
Weather: Clear
Counter: TSTD

Site Code: 000000000003
Station ID:

Longitude: 0' 0.000 Undefined
Latitude: 0' 0.000 Undefined

Start Time	Mon 19-Apr-10	Tue 20-Apr-10	Wed 21-Apr-10	Thu 22-Apr-10	Fri 23-Apr-10	Average Day	Sat 24-Apr-10	Sun 25-Apr-10	Week Average
12:00 AM	23	43	46	55	*	42	*	*	42 
01:00	16	33	30	45	*	31	*	*	31 
02:00	10	16	10	14	*	12	*	*	12 
03:00	14	16	19	21	*	18	*	*	18 
04:00	23	33	31	35	*	30	*	*	30 
05:00	85	115	100	87	*	97	*	*	97 
06:00	120	157	168	162	*	152	*	*	152 
07:00	233	215	212	164	*	206	*	*	206 
08:00	178	196	214	*	*	196	*	*	196 
09:00	192	160	190	*	*	181	*	*	181 
10:00	172	194	191	*	*	186	*	*	186 
11:00	201	201	201	*	*	201	*	*	201 
12:00 PM	273	255	247	*	*	258	*	*	258 
01:00	241	280	251	*	*	257	*	*	257 
02:00	356	284	321	*	*	320	*	*	320 
03:00	490	496	505	*	*	497	*	*	497 
04:00	563	590	576	*	*	576	*	*	576 
05:00	452	497	547	*	*	499	*	*	499 
06:00	270	300	314	*	*	295	*	*	295 
07:00	215	243	207	*	*	222	*	*	222 
08:00	183	205	190	*	*	193	*	*	193 
09:00	162	152	161	*	*	158	*	*	158 
10:00	88	88	76	*	*	84	*	*	84 
11:00	88	74	72	*	*	78	*	*	78 
Day Total	4648	4843	4879	583	0	4789	0	0	4789
% Avg. WkDay	97.1%	101.1%	101.9%	12.2%	0.0%				
% Avg. Week	97.1%	101.1%	101.9%	12.2%	0.0%	100.0%	0.0%	0.0%	
AM Peak	07:00	07:00	08:00	07:00		07:00			07:00
Vol.	233	215	214	164		206			206
PM Peak	16:00	16:00	16:00			16:00			16:00
Vol.	563	590	576			576			576
Grand Total	4648	4843	7069	5485	5414	9908	4280	3594	9393
ADT		ADT 4,651			AADT 4,651				

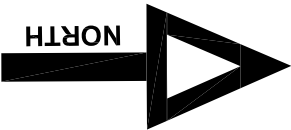
Appendix C

Existing Field Conditions

Appendix C

This appendix contains condition diagrams of the following intersections:

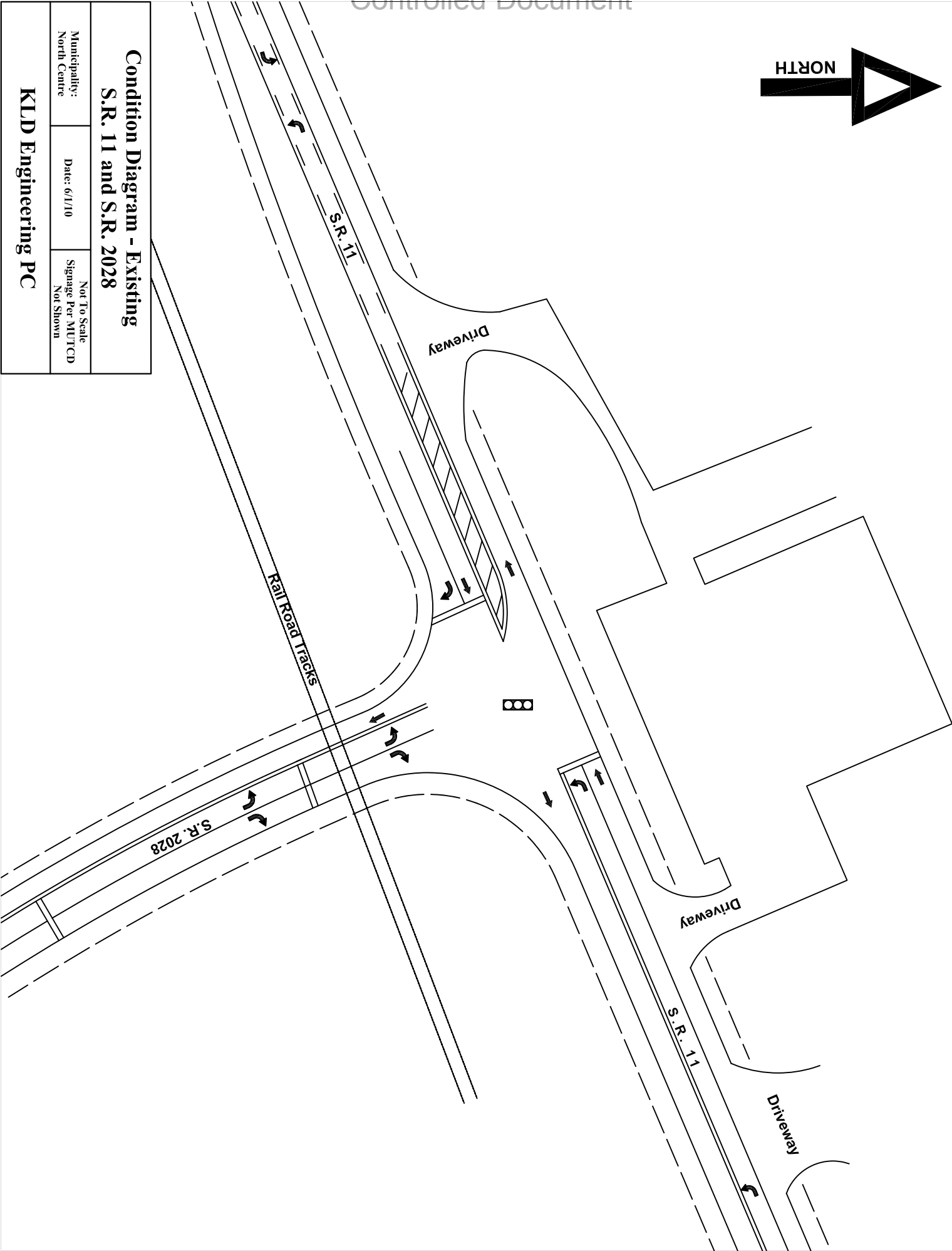
- S.R. 11 and S.R. 2028
- S.R. 11 and Briar Creek Plaza Driveways
- S.R. 11 (Front Street) and Eaton Street
- S.R. 11 (Front Street) and Poplar Street
- S.R. 11 (Front Street) and Orchard Street
- S.R. 11 (Front Street) and S.R. 93 (Orange Street)
- S.R. 11 (Second Street) and LaSalle Street
- S.R. 11 (Second Street) and Oak Street
- S.R. 11 (Second Street) and Mulberry Street
- S.R. 11 (Front Street) and Mulberry Street
- S.R. 1025 (Market Street) and Third Street
- S.R. 11 (Second Street) and Market Street
- S.R. 11 (Front Street) and Market Street
- S.R. 11 (Front Street) and Walnut Street
- S.R. 11 (Second Street) and Pine Street
- S.R. 93 (Third Street) and S.R. 339 (Broad Street)
- S.R. 93 (Third Street) and Dewey Street
- S.R. 11 and Bell Bend Site Entrance
- S.R. 11 and SSES Site Entrance
- S.R. 11 (S. Main Street) and S.R. 239
- S.R. 11 (Main Street) and S.R. 239 (Union Street)
- S.R. 11 and S.R. 29 (Mill Street)
- S.R. 11 and County Bridge
- S.R. 11 (E. Poplar Street) and S.R. 29

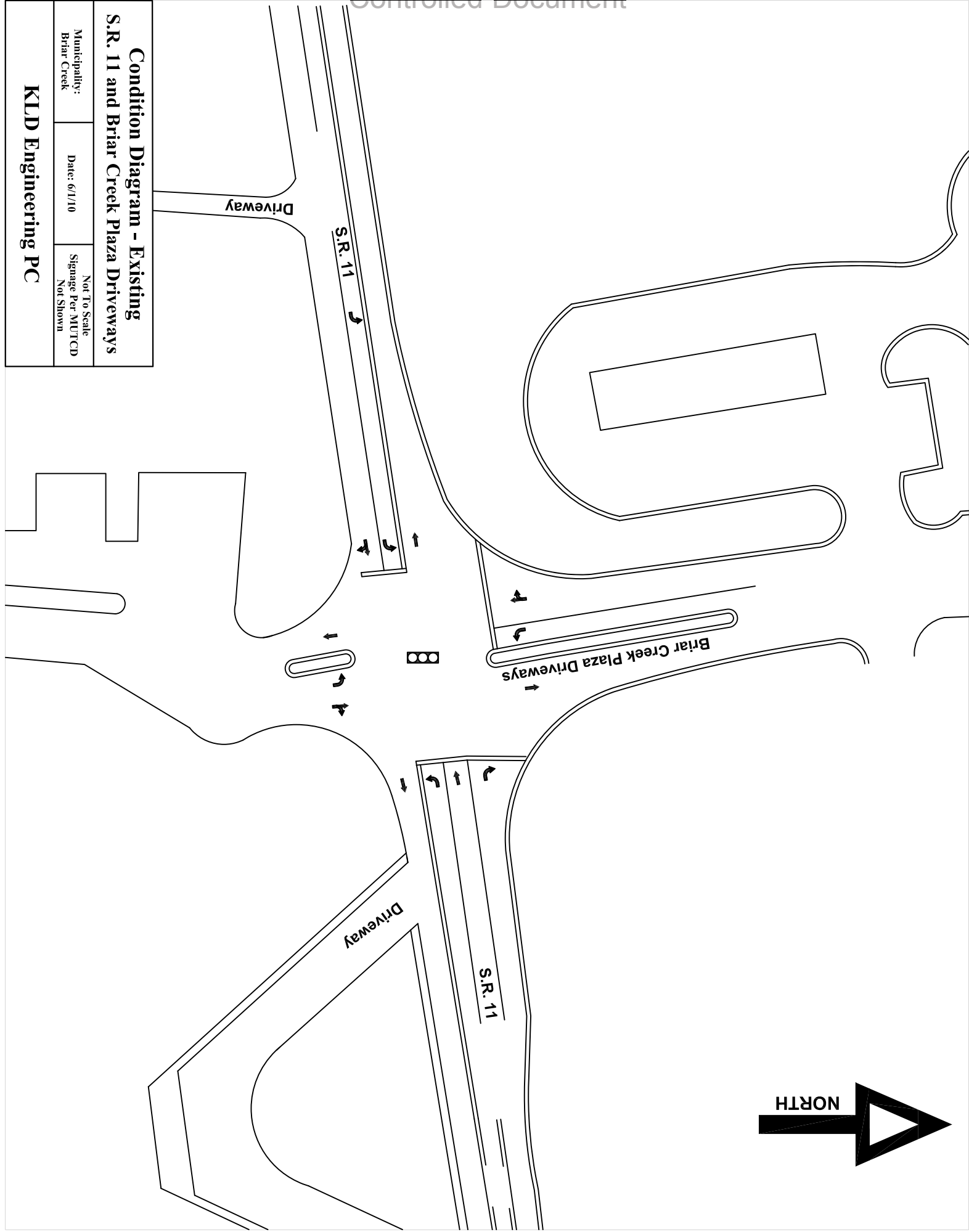
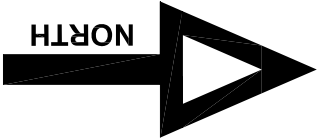


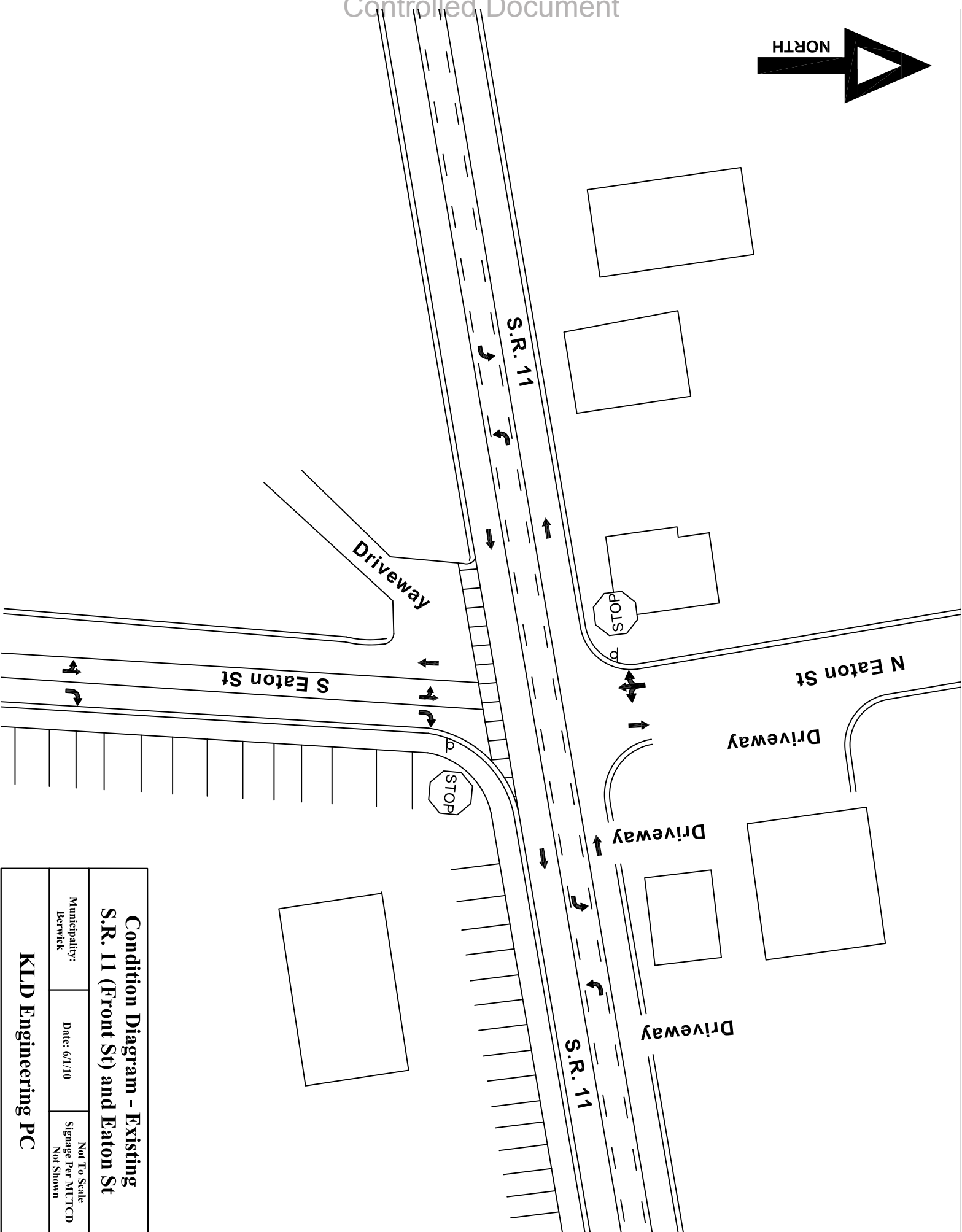
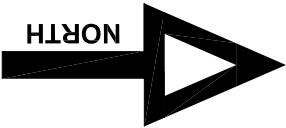
Condition Diagram - Existing
S.R. 11 and S.R. 2028

Municipality: North Centre	Date: 6/1/10	Not To Scale Signage Per MUTCD Not Shown
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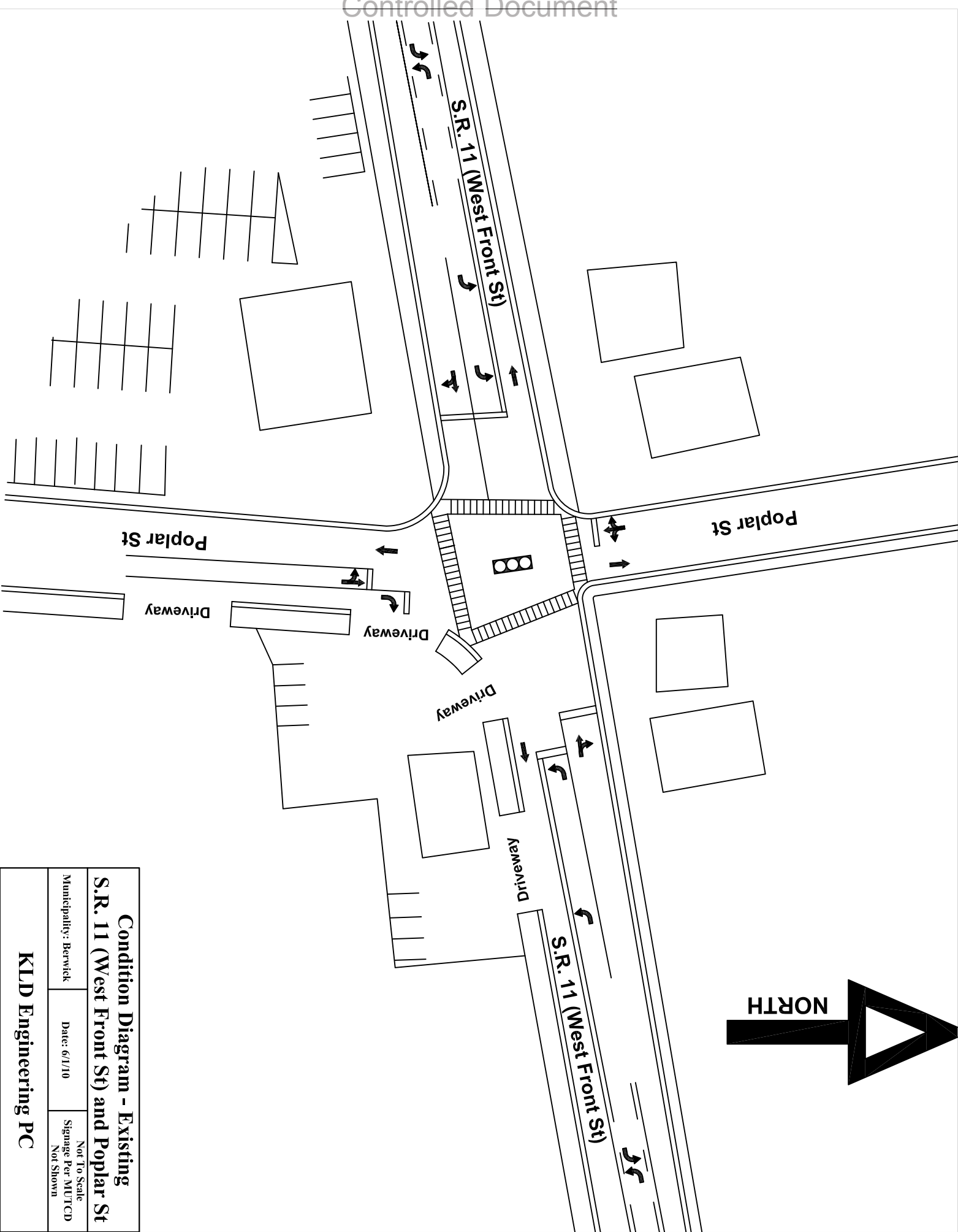
KLD Engineering PC



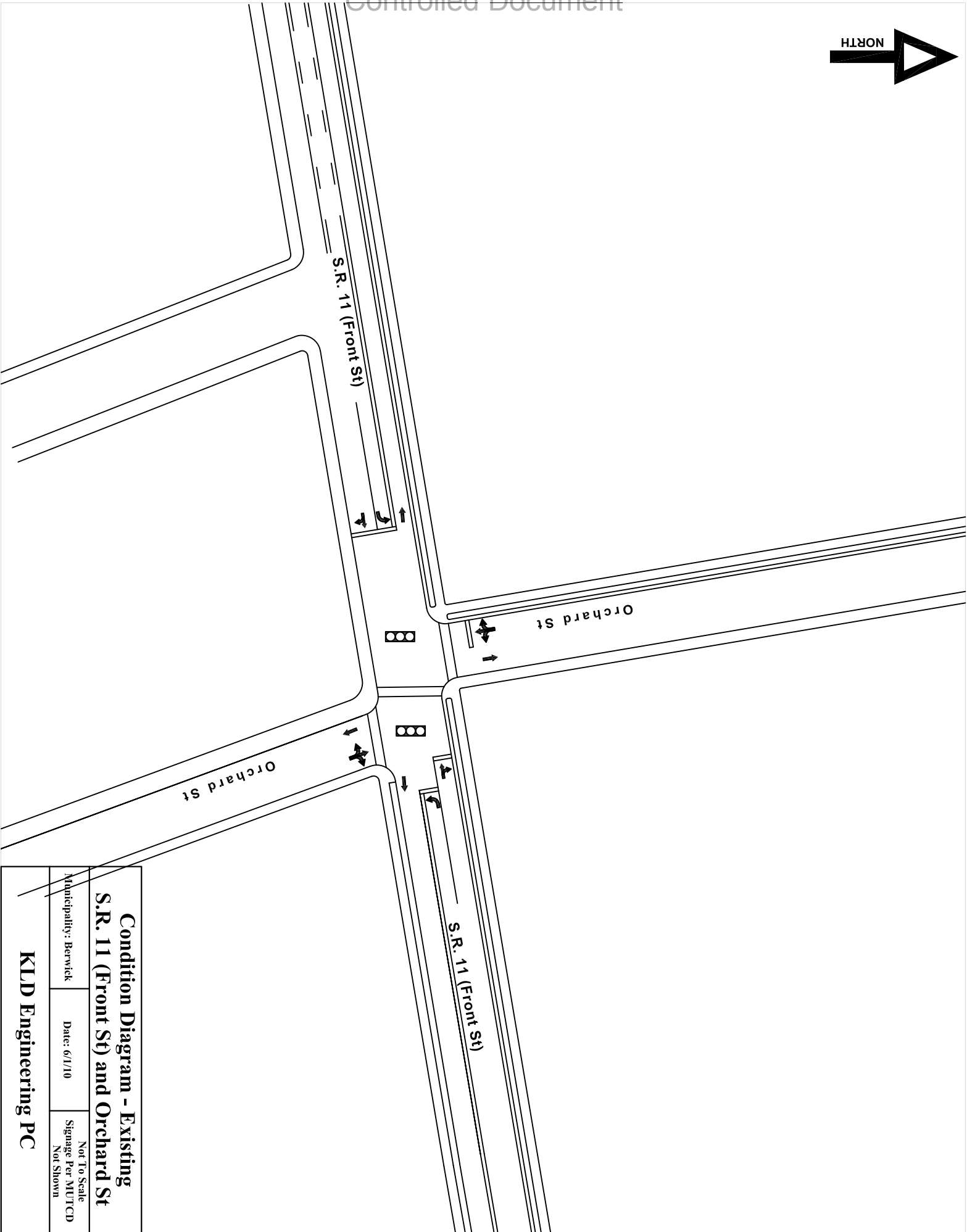
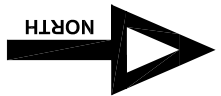




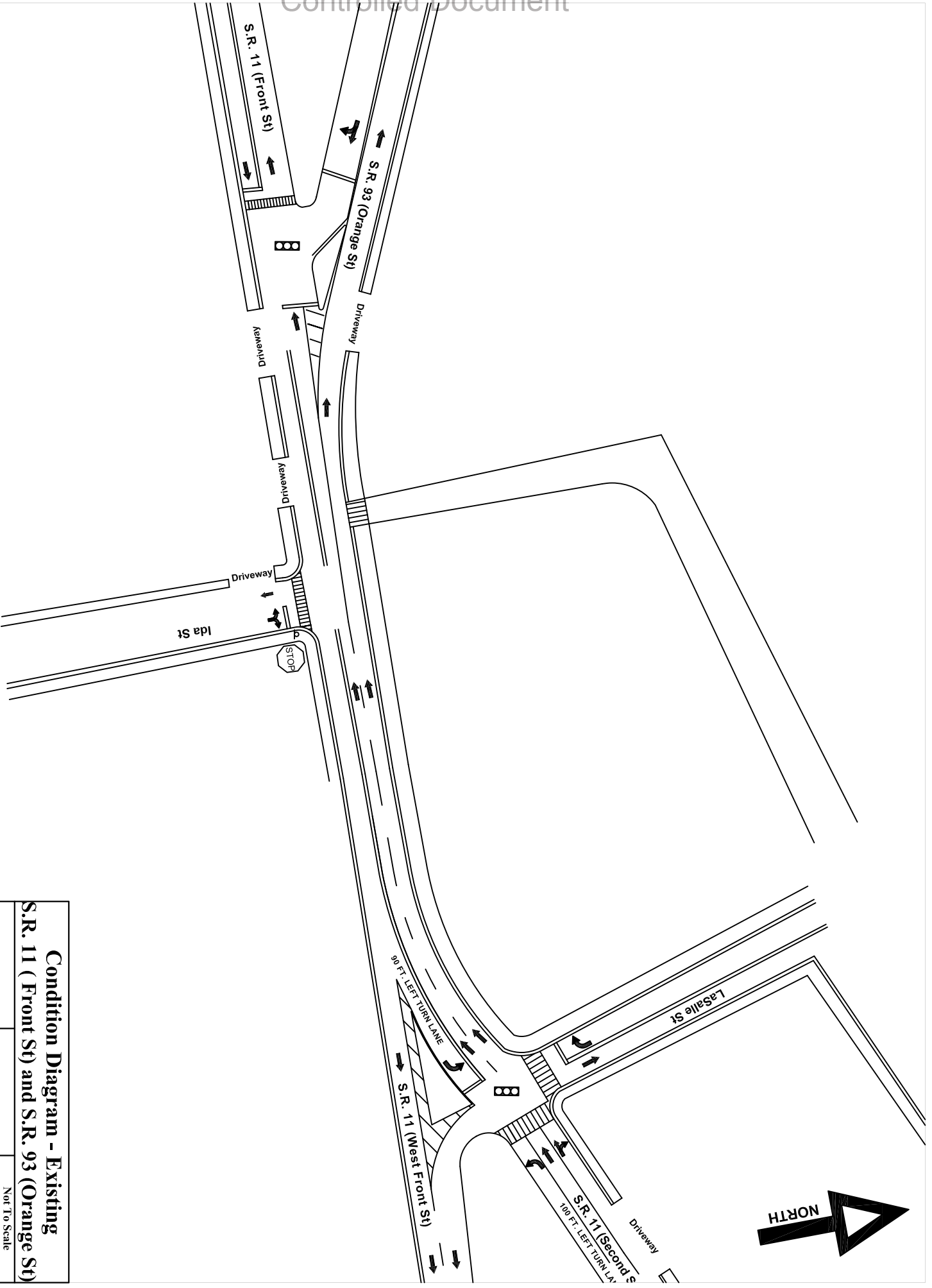
Condition Diagram - Existing		
S.R. 11 (Front St) and Eaton St		
Municipality: Berkwick	Date: 6/1/10	Not To Scale Signage Per MUTCD Not Shown
KLD Engineering PC		



Condition Diagram - Existing		
S.R. 11 (West Front St) and Poplar St		
Municipality: Berwick	Date: 6/1/10	Not To Scale Signage Per MUTCD Not Shown
KLD Engineering PC		



Condition Diagram - Existing		
S.R. 11 (Front St) and Orchard St		
Municipality: Berwick	Date: 6/1/10	Not To Scale Signage Per MUTCD Not Shown
KLD Engineering PC		

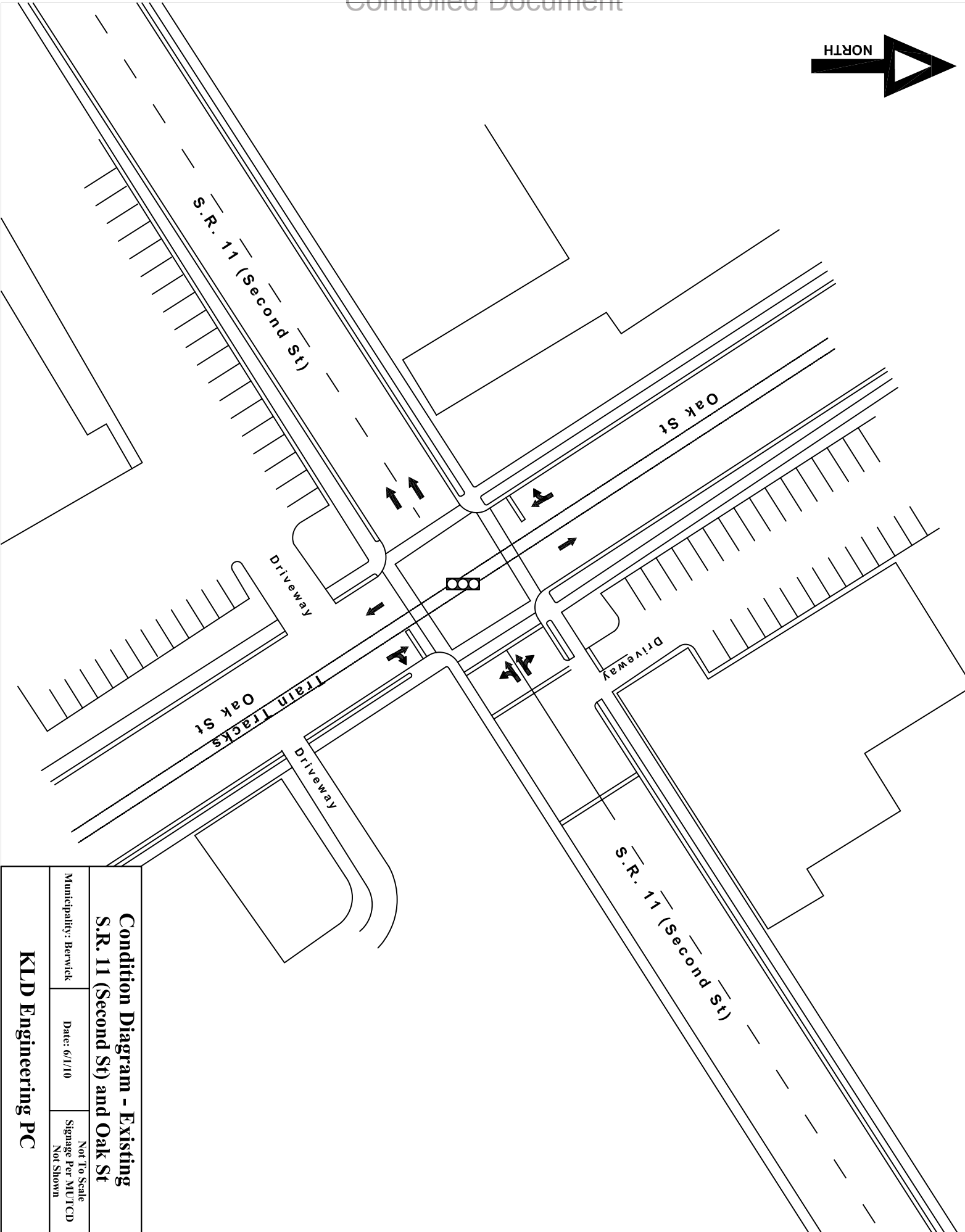
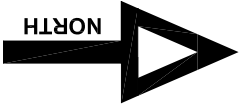


Condition Diagram - Existing

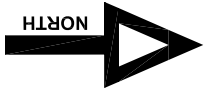
S.R. 11 (Front St) and S.R. 93 (Orange St)

Municipality: Berwick		Not To Scale	
Date: 6/1/10		Signage Per MUTCD	
		Not Shown	

KLD Engineering PC



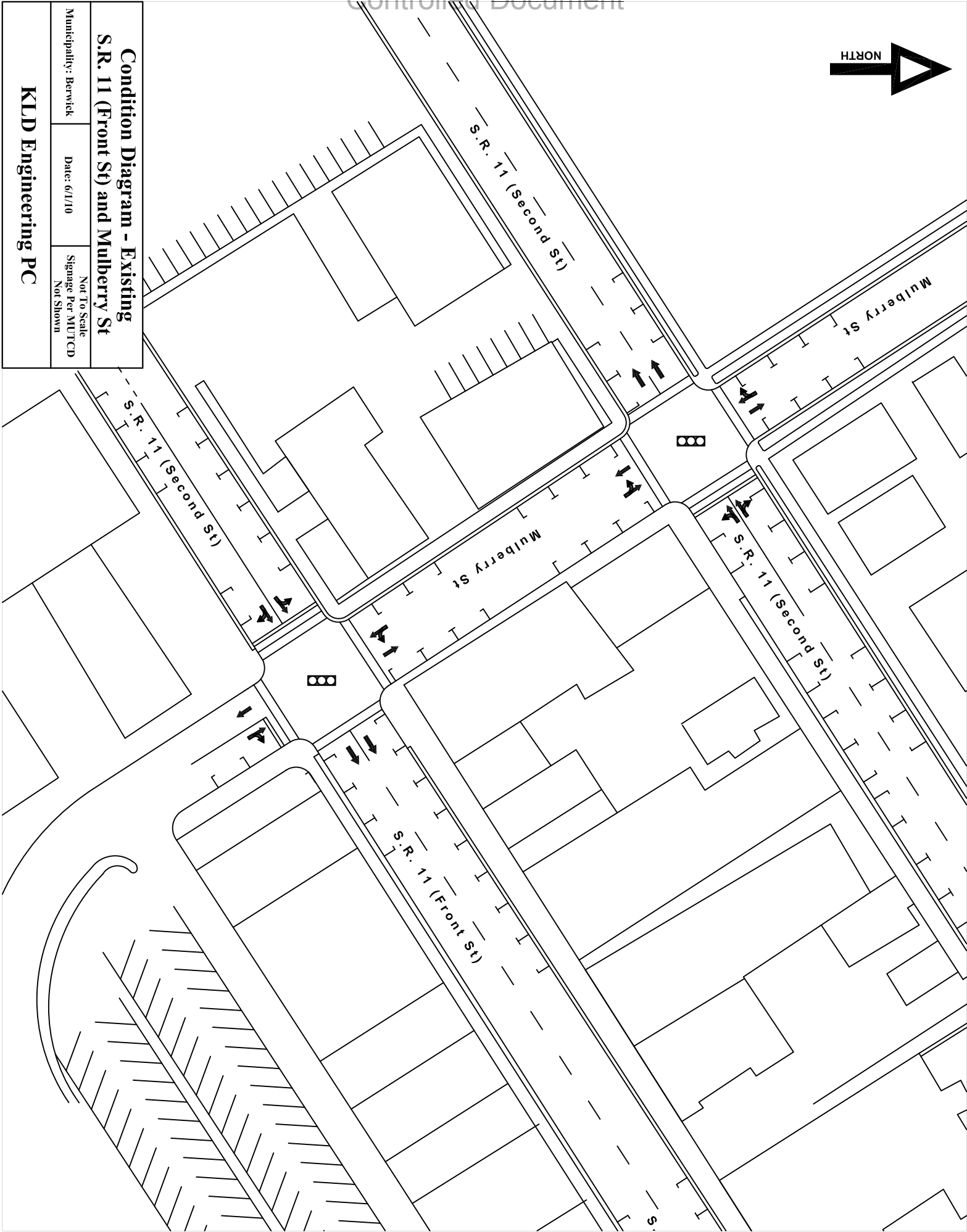
Condition Diagram - Existing		
S.R. 11 (Second St) and Oak St		
Municipality: Berwick	Date: 6/1/10	Not To Scale Signage Per MUTCD Not Shown
KLD Engineering PC		

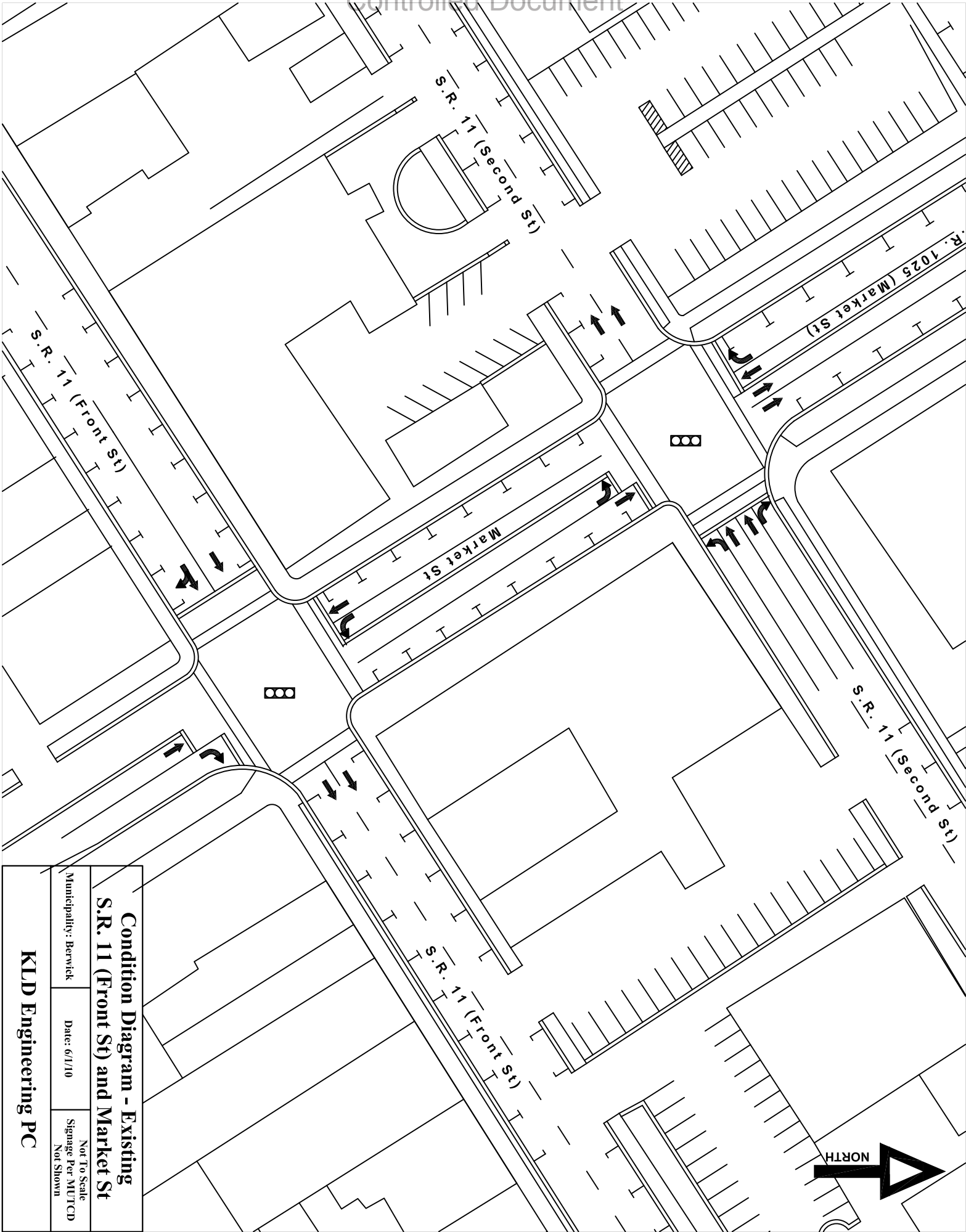


Condition Diagram - Existing
S.R. 11 (Front St) and Mulberry St

Municipality: Berwick	Date: 6/1/10	Not To Scale Signage Per MUTCD Not Shown
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KLD Engineering PC





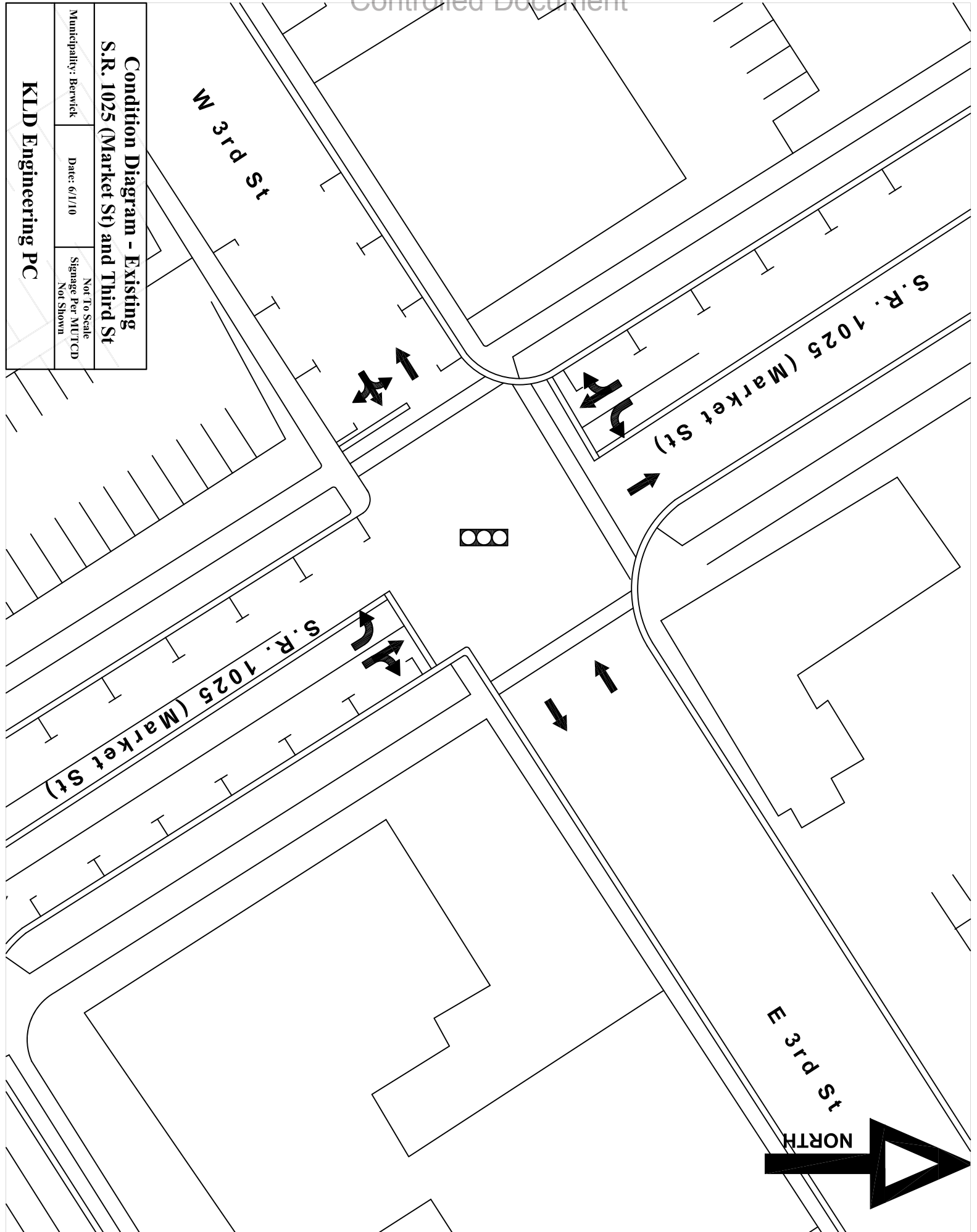
**Condition Diagram - Existing
S.R. 11 (Front St) and Market St**

Municipality: Berwick

Date: 6/1/10

Not To Scale
Signage Per MUTCD
Not Shown

KLD Engineering PC



Condition Diagram - Existing

S.R. 1025 (Market St) and Third St

Municipality: Berwick

Date: 6/1/10

Not To Scale
Signage Per MUTCD
Not Shown

KLD Engineering PC

NORTH

S.R. 11 (Second St)

Pine St

Pine St

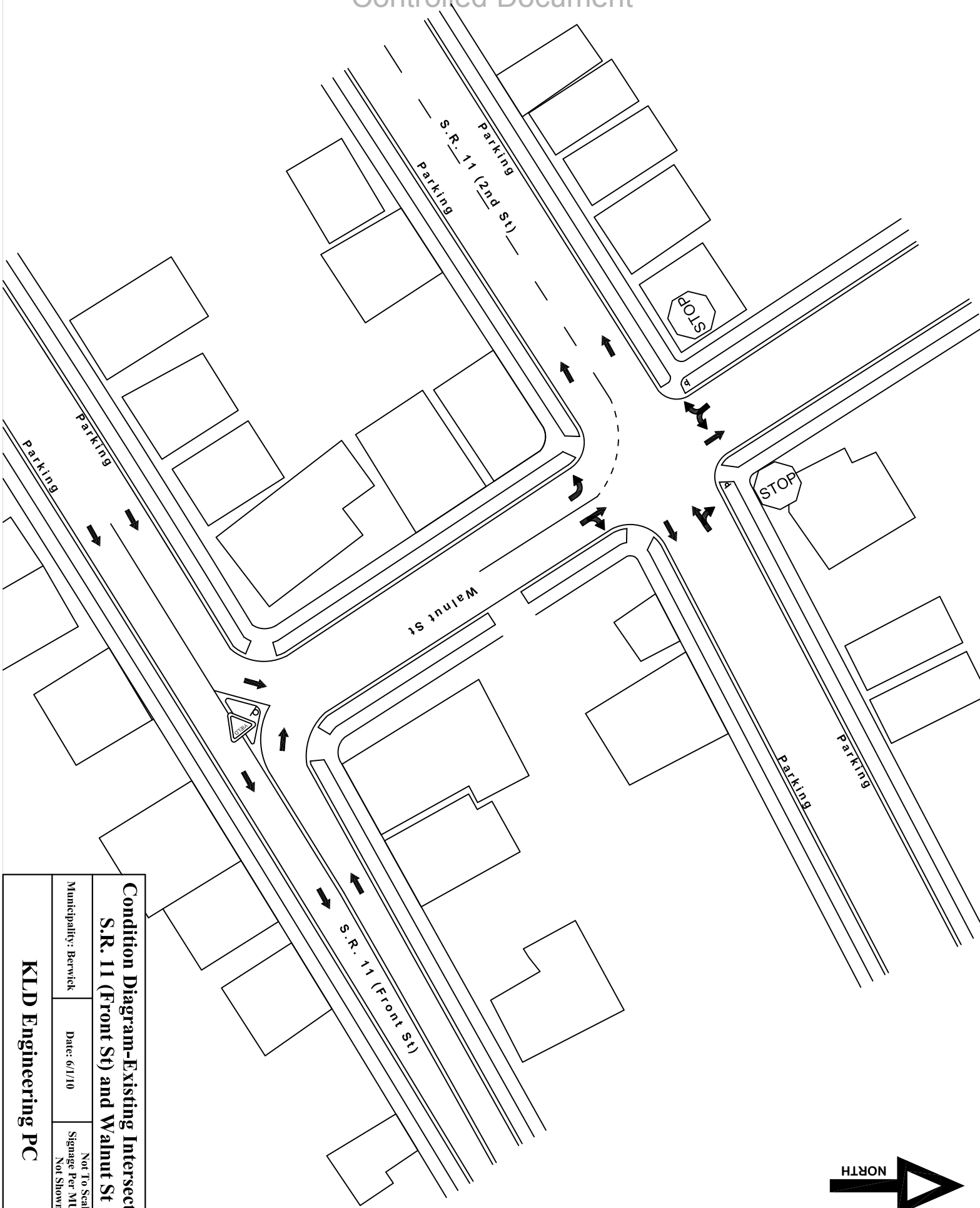
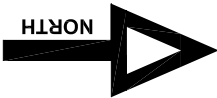
S.R. 11 (Second St)



Condition Diagram - Existing
S.R. 11 (Second St) and Pine St

Municipality: Berwick
Date: 6/1/10
Not To Scale
Signage Per MUTCD
Not Shown

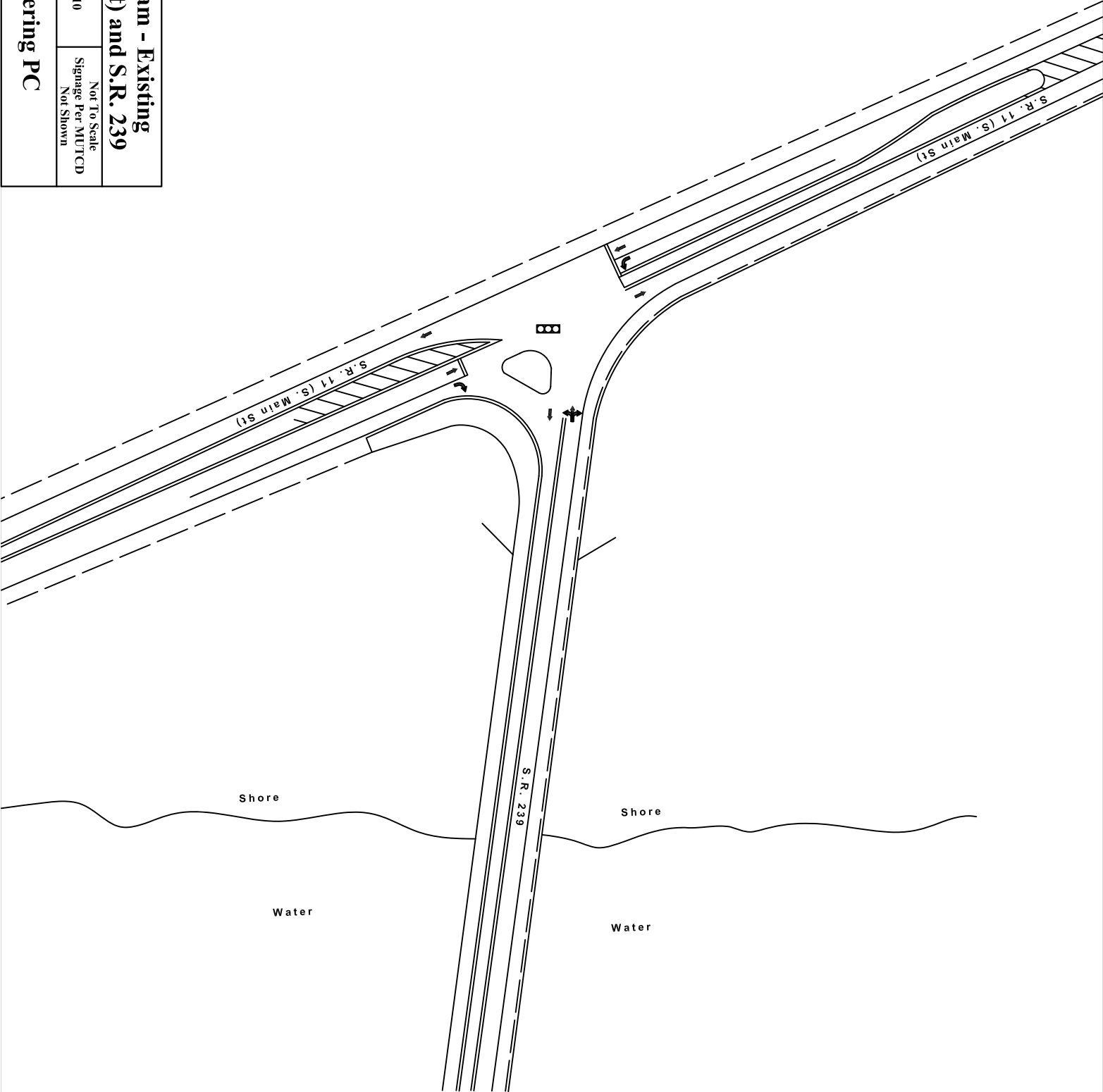
KLD Engineering PC



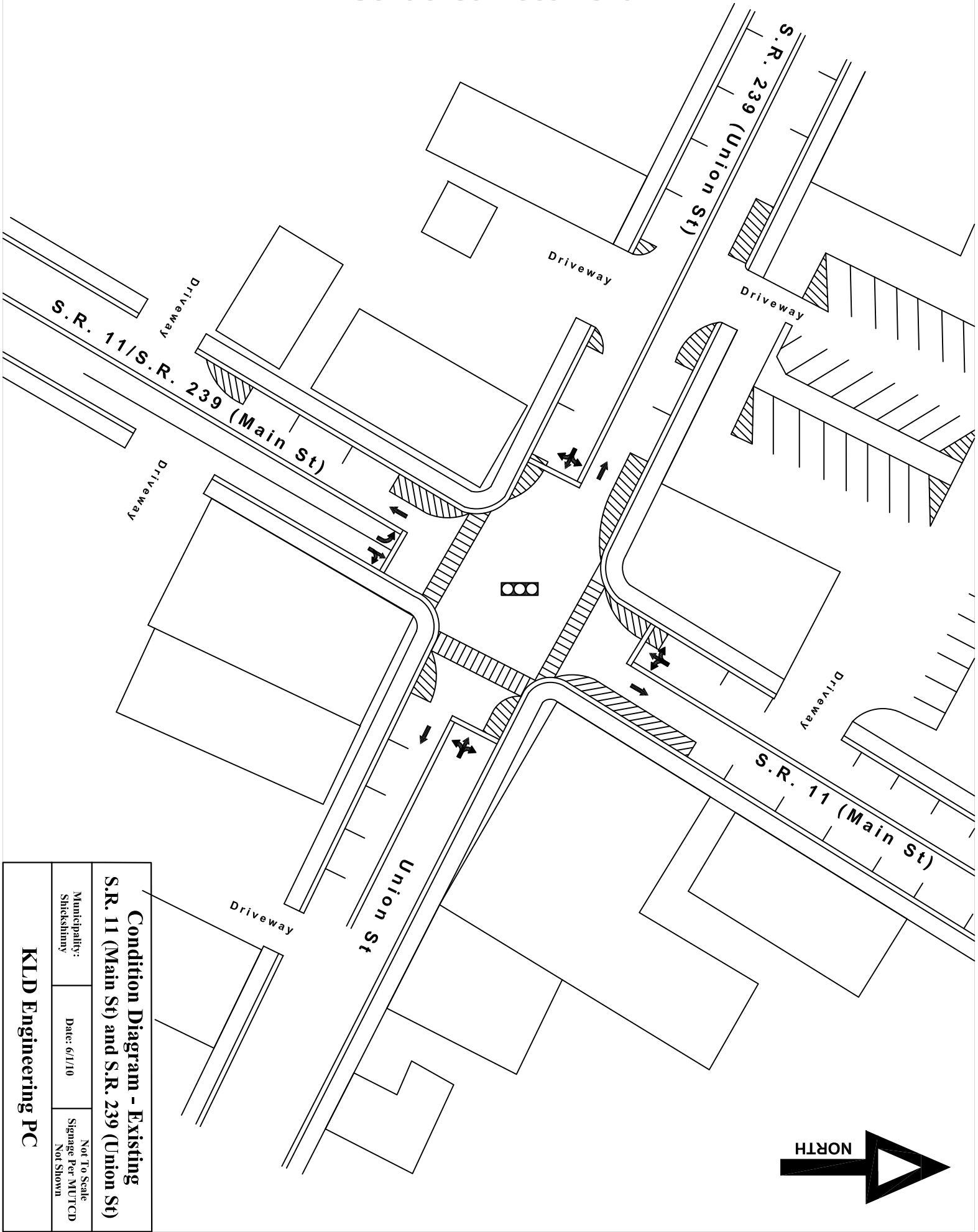
**Condition Diagram-Existing Intersection
S.R. 11 (Front St) and Walnut St**

Municipality: Berwick	Date: 6/1/10	Not To Scale Signage Per MUTCD Not Shown
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KLD Engineering PC

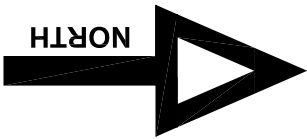


Condition Diagram - Existing		
S.R. 11 (S. Main St) and S.R. 239		
Municipality: Shickshiny	Date: 6/1/10	Not To Scale Signage Per MUTCD Not Shown
KLD Engineering PC		



**Condition Diagram - Existing
S.R. 11 (Main St) and S.R. 239 (Union St)**

Municipality: Shickshinny		Date: 6/1/10		Not To Scale Signage Per MUTCD Not Shown	
KLD Engineering PC					



S.R. 339 (Broad St)

S.R. 339 Broad Street

S.R. 93 (Third St)

S.R. 93 (Third St)

Condition Diagram - Existing

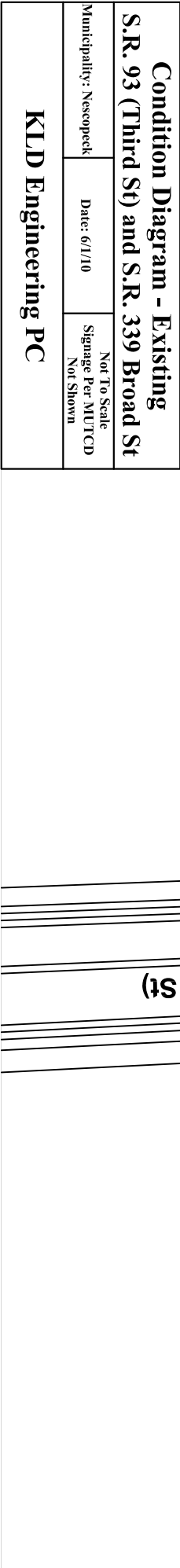
S.R. 93 (Third St) and S.R. 339 Broad St

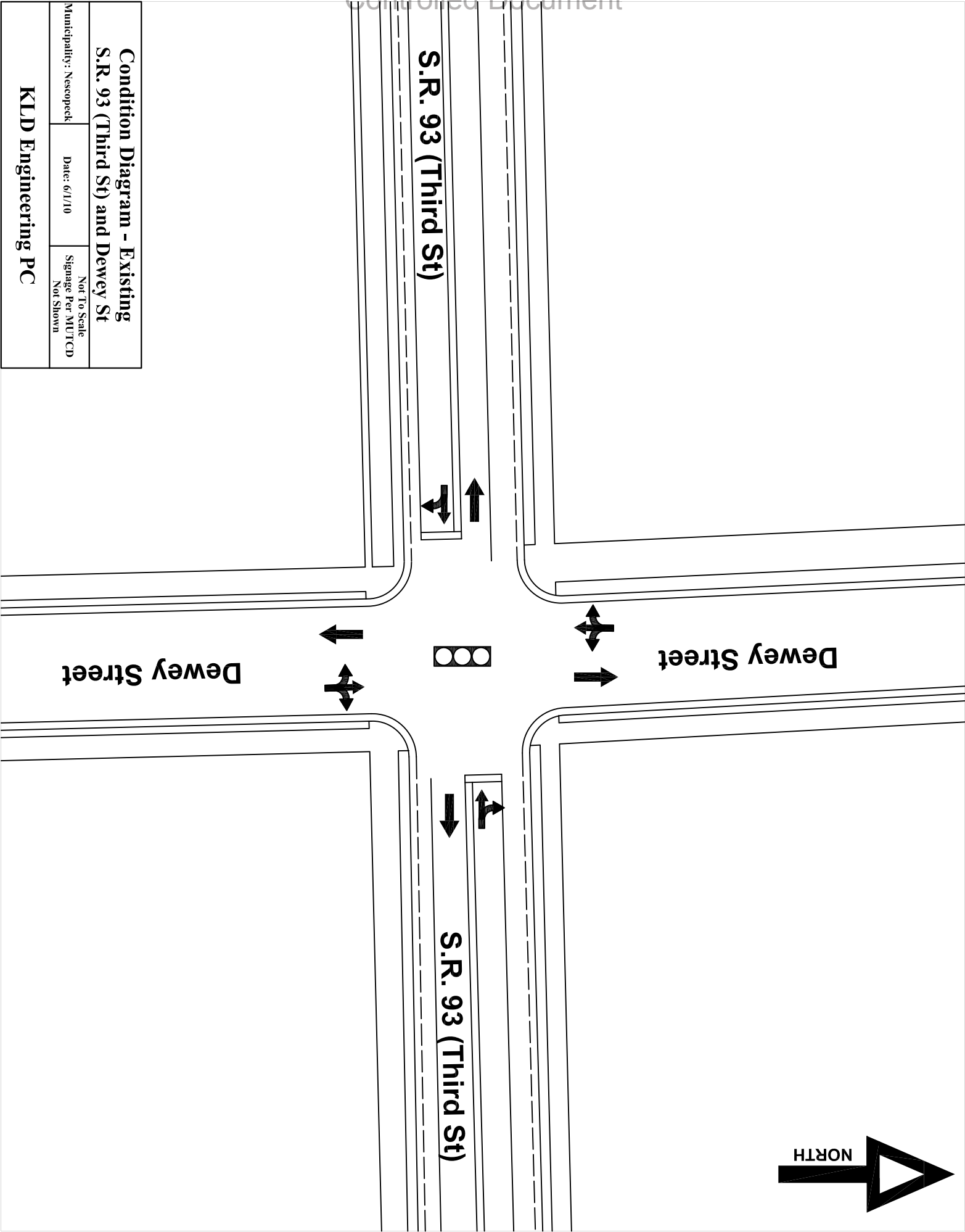
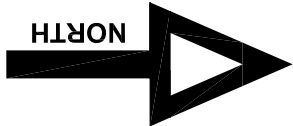
Municipality: Nesciopeck

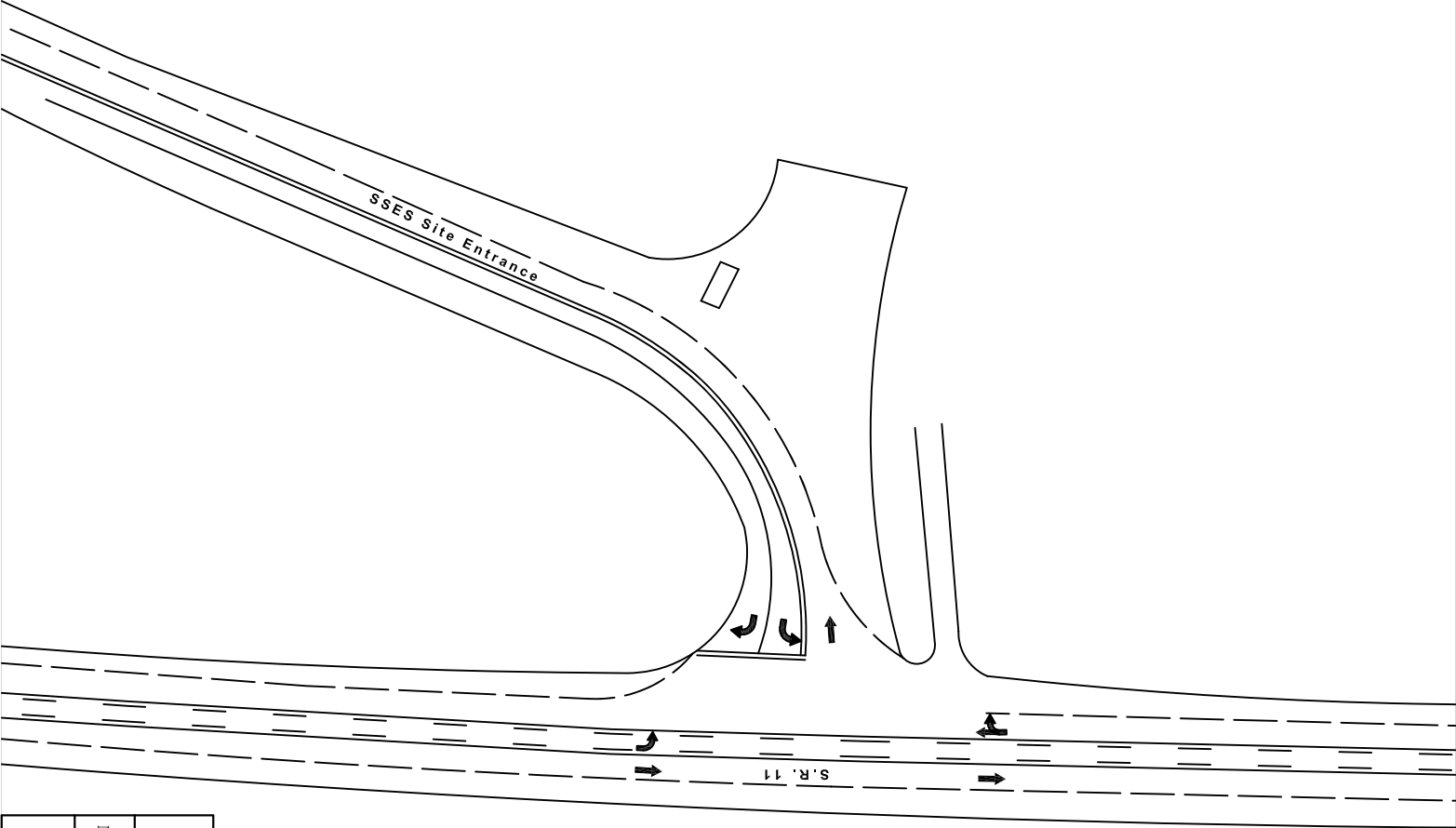
Date: 6/1/10

Not To Scale
Signage Per MUTCD
Not Shown

KLD Engineering PC





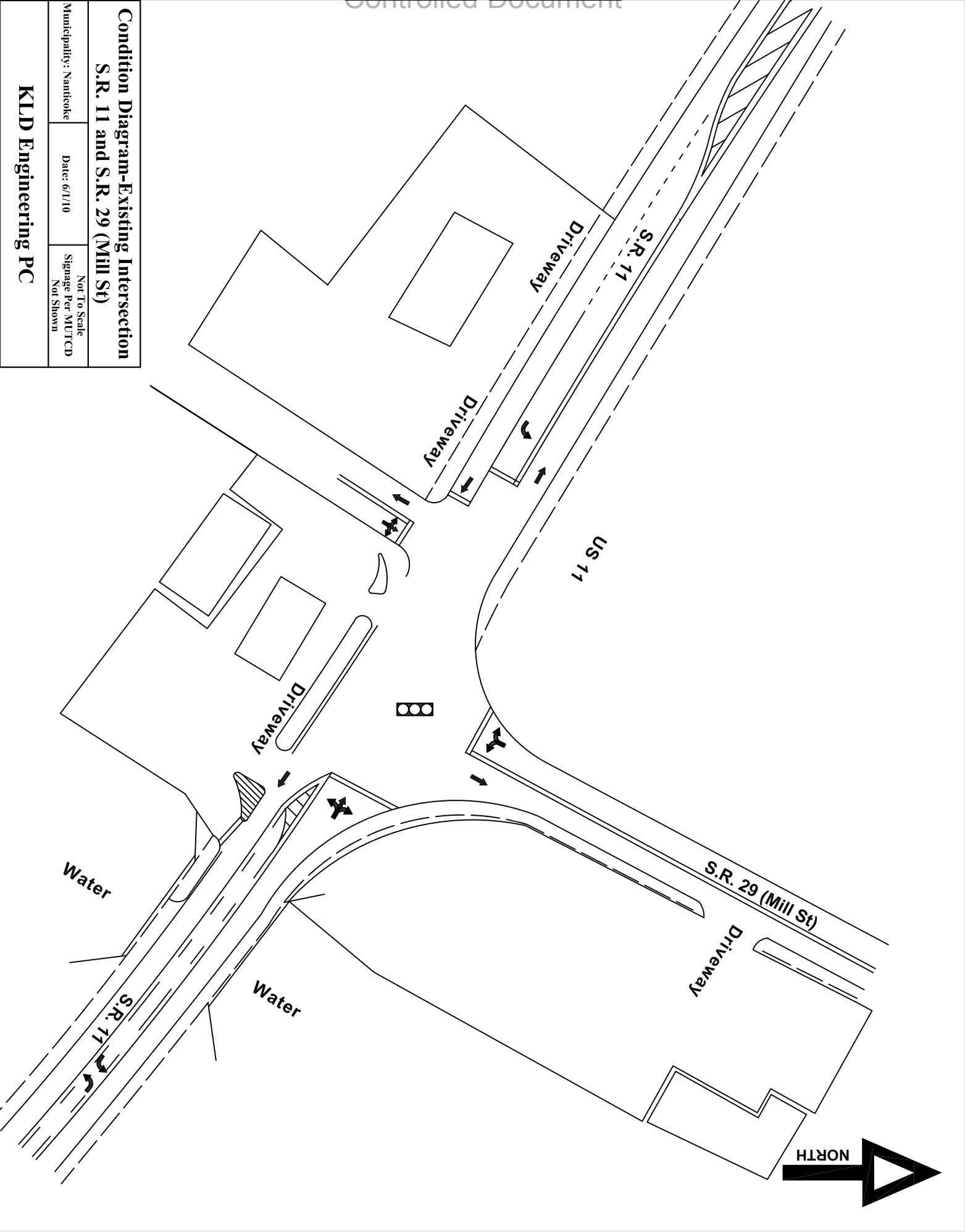


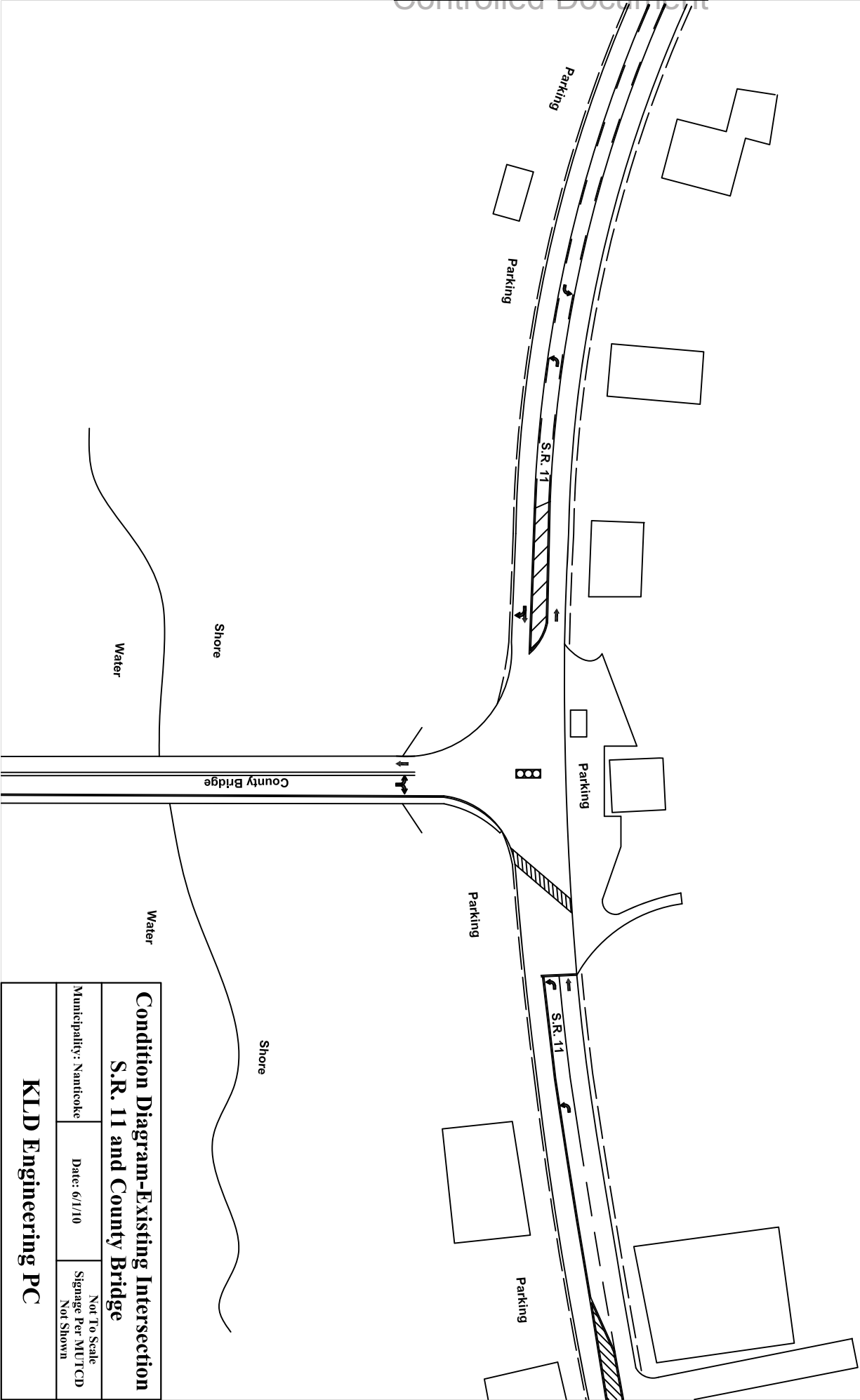
Condition Diagram - Existing		
S.R. 11 and SSES Site Entrance		
Municipality: Berwick	Date: 6/1/10	Not To Scale Signage Per MUTCD Not Shown
KLD Engineering PC		

Condition Diagram-Existing Intersection
S.R. 11 and S.R. 29 (Mill St)

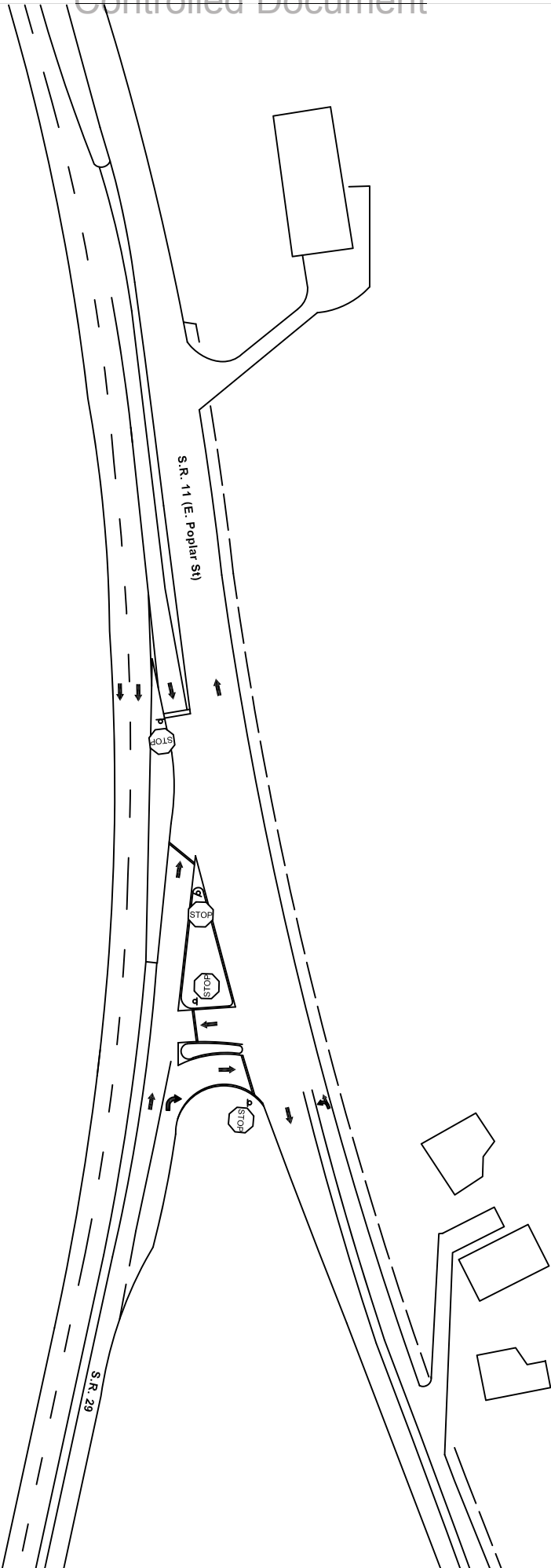
Municipality: Nanticoke	Date: 6/1/10	Not To Scale Signage Per MUTCD Not Shown
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KLD Engineering PC





Condition Diagram-Existing Intersection S.R. 11 and County Bridge		
Municipality: Nanticoke	Date: 6/1/10	Not To Scale Signage Per MUTCD Not Shown
KLD Engineering PC		



**Condition Diagram-Existing Intersection
S.R. 11 (E. Poplar St) and S.R. 29**

Municipality: Berwick	Date: 6/1/10	Not To Scale Signage Per MUTCD Not Shown
KLD Engineering PC		

Appendix D
Traffic Signal Permit Plans

Appendix D

This appendix contains the signal permit plans for the following intersections:

Intersection Name	Permit No.
S.R. 11 and S.R. 2028	TS190-031
S.R. 11 and Briar Creek Plaza Driveways	TS225-031
S.R. 11 (Front Street) and Poplar Street	TS150-031
S.R. 11 (Front Street) and Orchard Street	TS52-031
S.R. 11 (Front Street) and S.R. 93 (Orange Street)	TS31-031
S.R. 11 (Second Street) and LaSalle Street	TS30-031
S.R. 11 (Second Street) and Oak Street	TS237-031
S.R. 11 (Second Street) and Mulberry Street	TS55-031
S.R. 11 (Front Street) and Mulberry Street	TS53-031
S.R. 1025 (Market Street) and Third Street	TS58-031
S.R. 11 (Second Street) and Market Street	T256-031
S.R. 11 (Front Street) and Market Street	TS54-031
S.R. 11 (Second Street) and Pine Street	TS57-031
S.R. 93 (Third Street) and S.R. 339 (Broad Street)	4166
S.R. 93 (Third Street) and Dewey Street	4155
S.R. 11 (S. Main Street) and S.R. 239	40130
S.R. 11 (Main Street) and S.R. 239 (Union Street)	5691
S.R. 11 and S.R. 29 (Mill Street)	40305
S.R. 11 and County Bridge	40141

D-9012 CADD (02-90) REVISED (05-97)

PLANVIEW 3110404-201107171535

PERMIT NO. TS190-031 SHEET 3 OF 3

DATE ISSUED: 12/3/1993

DATE REVISED	REASON/COMMENTS
12/6/1994	REVISED RAILROAD PREEMPT
02-18-05	COMPUTERIZED DRAWING

	PHASE 1			PHASE 2			PHASE 4					PHASE TRACK CL.			PHASE RR			EMERGENCY FLASHING
	INTERVAL			INTERVAL			INTERVAL					INTERVAL			INTERVAL			
SIGNAL	1	2	3	1	2	3	1	2	3	4	5	1	2	3	1	2	3	
①	G	Y	R	G	Y	R	R	R	R	R	R	R	R	R	G	Y	R	Y
②	G	Y	R	G	Y	R	R	R	R	R	R	R	R	R	G	Y	R	Y
③ ④	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	G	Y	R	Y
⑤ ⑥	R	R	R	R	R	R	G	G	G	Y	R	G	Y	R	R	R	R	R
⑦ ⑧	R	R	R	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R
⑨ ⑩	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF	OFF	OFF
FIXED		3, 5	0, 1		4	2		3, 5	0, 1	3, 5	1	9	3, 5	1	*	4	2	
MINIMUM	2				12		2											
ADDED INITIAL					2, 5													
MAX. INITIAL					42													
PASSAGE	3				6		3											
TIME TO REDUCE					20													
BEFORE REDUCTION					42													
MIN. GAP					6													
MAXIMUM	20				67		30											
MEMORY	NL			MN			NL											

*VARIABLE

NOTES:

1. G/→Y- IF FOLLOWED BY PHASE 2.
2. G IF FOLLOWED BY PHASE 2.
3. G IF FOLLOWED BY PHASE 1.

SIGNS

SIGN	STANDARD	DESCRIPTION	SIZE	QTY.
⑩	R3-1	NO RIGHT TURN SIGN-FOLDING	30"X30"	1
⑪	R3-2	NO LEFT TURN SIGN-FOLDING	30"X30"	1
⑫	R3-7L	LEFT LANE MUST TURN LEFT	30"X30"	3
⑬	R3-7R	RIGHT LANE MUST TURN RIGHT	30"X30"	3
⑭	R3-5L	LEFT TURN SIGN	30"X36"	1
⑮	R3-5R	RIGHT TURN SIGN	30"X36"	1
⑯	R9-3A	NO PEDESTRIAN CROSSING	18"X18"	6
⑰	R10-6L	STOP HERE ON RED	24"X30"	1
⑱	R10-11	NO TURN ON RED SIGN	30"X36"	1
⑲	R8-B *	DO NOT STOP ON TRACKS	24"X30"	1

* PENNDOT RESPONSIBILITY

PREEMPTION NOTES

PHASE 1, INTERVAL 1: TERMINATE THE GREENS AND GREEN ARROW IMMEDIATELY; FOLLOWED BY INTERVAL 2, INTERVAL 3 AND TRACK CLEAR INTERVAL 1.

INTERVAL 2: ALLOW THE INTERVAL TO TIME OUT; FOLLOWED BY INTERVAL 3 AND TRACK CLEAR INTERVAL 1.

INTERVAL 3: ALLOW THE INTERVAL TO TIME OUT; FOLLOWED BY TRACK CLEAR INTERVAL 1.

PHASE 2, INTERVAL 1: TERMINATE THE GREENS IMMEDIATELY; FOLLOWED BY INTERVAL 2, INTERVAL 3 AND TRACK CLEAR INTERVAL 1.

INTERVAL 2: ALLOW THE INTERVAL TO TIME OUT; FOLLOWED BY INTERVAL 3 AND TRACK CLEAR INTERVAL 1.

INTERVAL 3: ALLOW THE INTERVAL TO TIME OUT; FOLLOWED BY TRACK CLEAR INTERVAL 1.

PHASE 4, INTERVAL 1: TERMINATE THE GREENS IMMEDIATELY; FOLLOWED BY INTERVAL 2, INTERVAL 3 AND TRACK CLEAR INTERVAL 1.

INTERVAL 2: ALLOW THE INTERVAL TO TIME OUT; FOLLOWED BY INTERVAL 3 AND TRACK CLEAR INTERVAL 1.

INTERVAL 3: ALLOW THE INTERVAL TO TIME OUT; FOLLOWED BY TRACK CLEAR INTERVAL 1.

INTERVAL 4: ALLOW THE INTERVAL TO TIME OUT; FOLLOWED BY INTERVAL 5 AND TRACK CLEAR INTERVAL 1.

INTERVAL 5: ALLOW THE INTERVAL TO TIME OUT; FOLLOWED BY TRACK CLEAR INTERVAL 1.

PHASE TRACK CLEAR, THE CONTROLLER SHOULD ALLOW THE PHASE TO TIME OUT AND PROCEED TO PHASE RR.

PHASE RR, INTERVAL 1: ALLOW THE CONTROLLER TO CONTINUE IN INTERVAL 1.

INTERVAL 2: ALLOW THE INTERVAL TO TIME OUT; FOLLOWED BY INTERVAL 3 AND PHASE TRACK CLEAR INTERVAL 1.

INTERVAL 3: ALLOW THE INTERVAL TO TIME OUT; FOLLOWED BY PHASE TRACK CLEAR INTERVAL 1.

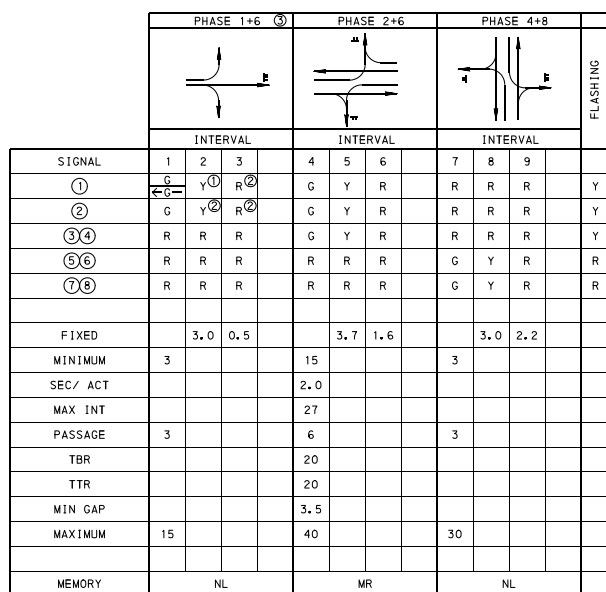
EMERGENCY FLASH, THE CONTROLLER SHOULD REMAIN IN FLASH AND SIGNS ⑩ AND ⑪ SHOULD OPEN (ON).

UPON COMPLETION OF PREEMPTION, A CALL SHOULD BE PLACED TO ALL PHASES NOT SERVICED DURING PREEMPTION.

COUNTY : COLUMBIA
MUNICIPALITY : SOUTH CENTRE TOWNSHIP
INTERSECTION : S.R. 11 AND S.R. 2028

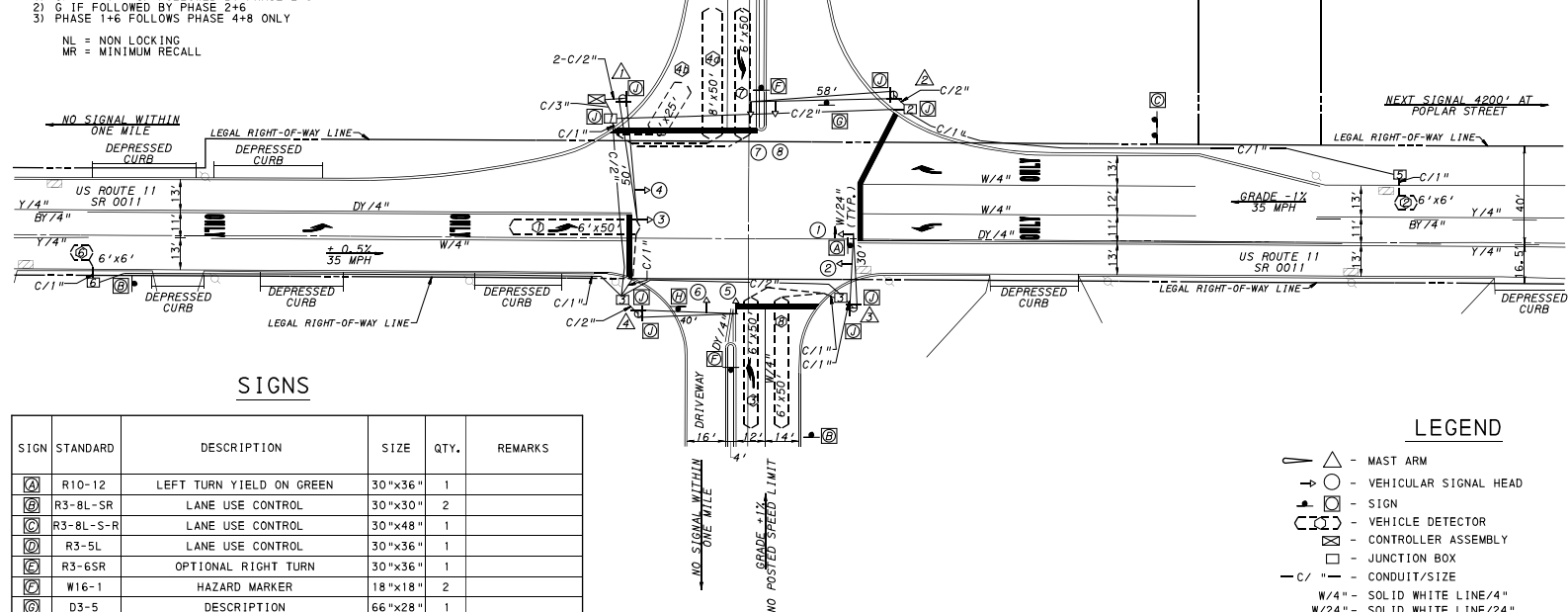
REVIEWED :
MUNICIPAL OFFICIAL DATE
RECOMMENDED :
DISTRICT TRAFFIC ENGINEER DATE

- 1) DETECTOR 1 CALLS AND EXTENDS PHASE 1
- 2) DETECTOR 2 CALLS AND EXTENDS PHASE 2
- 3) DETECTORES 3 AND 8 CALL AND EXTEND PHASE 8
- 4) DETECTORS 4a, 4b AND 7 CALL AND EXTEND PHASE 4
- 5) DETECTOR 6 CALLS AND EXTENDS PHASE 6
- 6) DETECTORS 1, 3, 4a, 4b AND 8 HAVE DELAY TIMER



NOTES:
1) G/ Y IF FOLLOWED BY PHASE 2+6
2) G IF FOLLOWED BY PHASE 2+6
3) PHASE 1+6 FOLLOWS PHASE 4+8 ONLY

NL = NON LOCKING
MR = MINIMUM RECALL



LEGEND

SIGN	STANDARD	DESCRIPTION	SIZE	QTY.	REMARKS
	R10-12	LEFT TURN YIELD ON GREEN	30"x36"	1	
	R3-8L-SR	LANE USE CONTROL	30"x30"	2	
	R3-8L-S-R	LANE USE CONTROL	30"x48"	1	
	R3-5L	LANE USE CONTROL	30"x36"	1	
	R3-6SR	OPTIONAL RIGHT TURN	30"x36"	1	
	W16-1	HAZARD MARKER	18"x18"	2	
	D3-5	DESCRIPTION	66"x28"	1	
	D3-5	DESCRIPTION	66"x28"	1	
	R9-3A	NO PED CROSSING	18"x18"	8	

- | | | |
|---|---|-----------------------------|
|  |  | MAST ARM |
|  |  | VEHICULAR SIGNAL HEAD |
|  |  | SIGN |
|  |  | VEHICLE DETECTOR |
|  |  | CONTROLLER ASSEMBLY |
|  |  | JUNCTION BOX |
|  |  | CONDUIT/SIZE |
| | | |
| W/4" |  | SOLID WHITE LINE/4" |
| W/24" |  | SOLID WHITE LINE/24" |
| Y/4" |  | SOLID YELLOW LINE/4" |
| BY/4" |  | BROKEN YELLOW LINE/4" |
| DY/4" |  | DOUBLE SOLID YELLOW LINE/4" |

PERMIT NO. TS225-031 SHEET 2 OF 2

DATE ISSUED: 10/5/1998

DATE REVISED	REASON/COMMENTS
6/21/1999	TIMING CHANGES
4/28/2005	COMPUTERIZED DRAWING

GENERAL NOTES

INSTALL, OPERATE AND MAINTAIN THIS TRAFFIC
SIGNAL IN ACCORDANCE WITH ALL PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION REGULATIONS,
SPECIFICATIONS, AND STANDARD DRAWINGS.

NO MODIFICATION OF THIS INSTALLATION IS PERMITTED UNLESS PRIOR APPROVAL IS GRANTED, IN WRITING, BY THE DEPARTMENT.

ALL MAINTENANCE NECESSARY FOR PROPER VISIBILITY OF THE SIGNALS, INCLUDING TRIMMING TREES, IS THE RESPONSIBILITY OF THE PERMITTEE.

THE PERMITTEE INSTALLS AND MAINTAINS ALL SIGNS AND PAVEMENT MARKINGS INDICATED ON THIS DRAWING WHICH ARE CONSIDERED PART OF THE PERMIT, UNLESS OTHERWISE INDICATED. THE DEPARTMENT MAINTAINS THE LONGITUDINAL PAVEMENT MARKINGS ON STATE HIGHWAYS.

INSTALL POST MOUNTED SIGNALS WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF THE CURB OR EDGE OF THE SHOULDER. ALSO, INSTALL SUPPORT POLES FOR OVERHEAD SIGNALS WITH A MINIMUM HORIZONTAL CLEARANCE OF 2 FEET.

INSTALL SIGNAL HEADS AND SIGNS ERECTED OVER THE ROADWAY WITH THE BOTTOMS NOT LESS THAN 15 FEET NOR MORE THAN 19 FEET ABOVE THE ROADWAY.

INSTALL POST MOUNTED SIGNAL HEADS WITH BOTTOMS NOT LESS THAN 8 FEET NOR MORE THAN 15 FEET ABOVE THE SIDEWALK OR PAVEMENT GRADE.

INSTALL SIGNAL HEADS WITH A MINIMUM HORIZONTAL DISTANCE OF 8 FEET BETWEEN THE HEADS AS MEASURED AT RIGHT ANGLES TO THE APPROACH.

IN ADDITION TO THIS SIGNAL PERMIT, THE PERMITTEE MUST OBTAIN A HIGHWAY OCCUPANCY PERMIT PRIOR TO ANY OPENINGS BEING MADE IN OR UNDER ANY PORTION OF A STATE HIGHWAY.

THREE WORKING DAYS PRIOR TO EXCAVATION THE PERMITEE MUST CONTACT THE ONE-CALL SYSTEM INC., PHONE 1-800-242-1776.

COUNTY : COLUMBIA

MUNICIPALITY : BRIAR CREEK BOROUGH

INTERSECTION : US ROUTE 11 AND

BRIAR CREEK PLAZA DRIVEWAYS

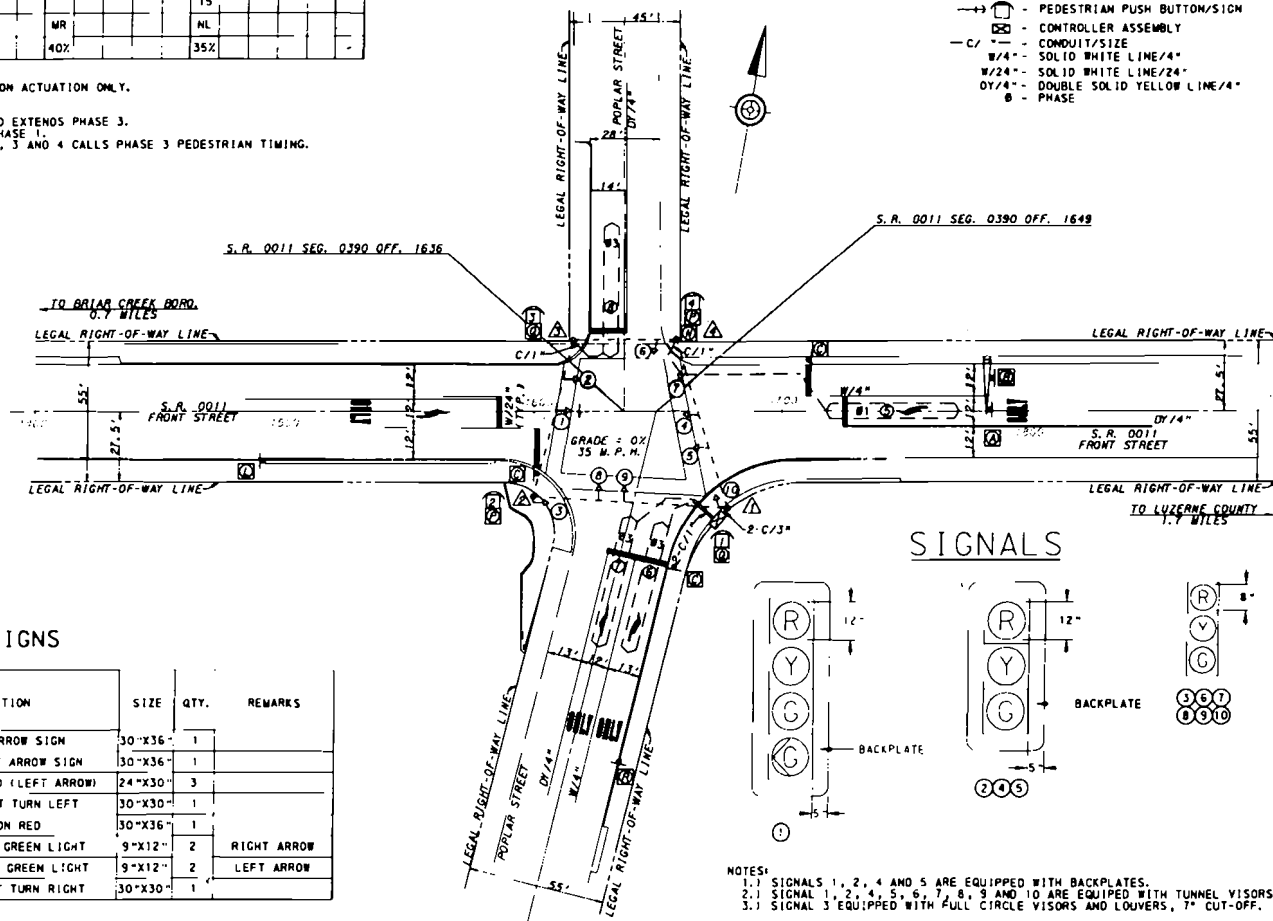
REVIEWED : _____

MUNICIPAL OFFICIAL _____ DATE _____

RECOMMENDED :

DISTRICT TRAFFIC ENGINEER DATE

SCALE :



SIGN	STANDARD	DESCRIPTION	SIZE	QTY.	REMARKS
	R3-5L	LEFT TURN ARROW SIGN	30"x36"	1	
	R3-6SR	STRAIGHT-RIGHT ARROW SIGN	30"x36"	1	
	R10-6L	STOP HERE ON RED (LEFT ARROW)	24"x30"	3	
	R3-7L	LEFT LANE MUST TURN LEFT	30"x30"	1	
	R10-11	NO TURN ON RED	30"x36"	1	
	R10-4	PUSH BUTTON FOR GREEN LIGHT	9"x12"	2	RIGHT ARROW
	R10-4	PUSH BUTTON FOR GREEN LIGHT	9"x12"	2	LEFT ARROW
	R3-7R	RIGHT LANE MUST TURN RIGHT	30"x30"	1	

GENERAL NOTES

INSTALL, OPERATE AND MAINTAIN THIS TRAFFIC SIGNAL IN ACCORDANCE WITH ALL PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS, SPECIFICATIONS, AND STANDARD DRAWINGS.

NO MODIFICATION OF THIS INSTALLATION IS PERMITTED UNLESS PRIOR APPROVAL IS GRANTED, IN WRITING, BY THE DEPARTMENT.

ALL MAINTENANCE NECESSARY FOR PROPER VISIBILITY OF THE SIGNALS, INCLUDING TRIMMING TREES, IS THE RESPONSIBILITY OF THE PERMITTEE.

THE PERMITTEE INSTALLS AND MAINTAINS ALL SIGNS AND PAVEMENT MARKINGS INDICATED ON THIS DRAWING WHICH ARE CONSIDERED PART OF THE PERMIT. UNLESS OTHERWISE INDICATED, THE DEPARTMENT MAINTAINS THE LONGITUDINAL PAVEMENT MARKINGS ON STATE HIGHWAYS.

INSTALL POST MOUNTED SIGNALS WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF THE CURB OR EDGE OF THE SHOULDER. ALSO, INSTALL SUPPORT POLES FOR OVERHEAD SIGNALS WITH A MINIMUM HORIZONTAL CLEARANCE OF 2 FEET.

INSTALL SIGNAL HEADS AND SIGNS ERECTED OVER THE ROADWAY WITH THE BOTTOMS NOT LESS THAN 15 FEET NOR MORE THAN 19 FEET ABOVE THE ROADWAY.

INSTALL POST MOUNTED SIGNAL HEADS WITH BOTTOMS NOT LESS THAN 8 FEET NOR MORE THAN 15 FEET ABOVE THE SIDEWALK OR PAVEMENT GRADE.

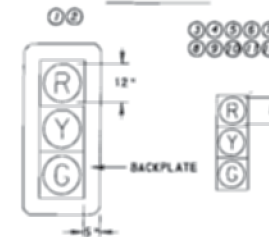
INSTALL SIGNAL HEADS WITH A MINIMUM HORIZONTAL DISTANCE OF 8 FEET BETWEEN THE HEADS AS MEASURED AT RIGHT ANGLES TO THE APPROACH.

IN ADDITION TO THIS SIGNAL PERMIT, THE PERMITTEE MUST OBTAIN A HIGHWAY OCCUPANCY PERMIT PRIOR TO ANY OPENINGS BEING MADE IN OR UNDER ANY PORTION OF A STATE HIGHWAY.

THREE WORKING DAYS PRIOR TO EXCAVATION THE PERMITTEE MUST CONTACT THE ONE-CALL SYSTEM INC., PHONE 1-800-242-1776.

CONDUIT INSTALLED IN BITUMINOUS ROADWAY LESS THAN 5 YEARS OLD, OR CONCRETE ROADWAY REGARDLESS OF AGE MUST BE BORED OR JACKED UNDER THE ROADWAY. INSTALL IN ACCORDANCE WITH TRAFFIC SIGNAL STANDARDS TC-7000 SERIES.

SIGNALS



PHASE 1				PHASE 2				PHASE TRK CLR				PHASE RR			
								SEE NOTES							
INTERVAL				INTERVAL				INTERVAL				INTERVAL			
1	2	3		1	2	3						1	2	3	
G	Y	R		R	R	R						R	R	R	
R	R	R		G	Y	R						G	Y	R	
CL	CL	CL		CL	CL	CL						OP	OP	CL	
4.0 2.0				4.0 1.0				4.0 1.0				4.0 1.0			
30				4											
				4											
				25											
				15											
				NL											

NOTES:
FLASHING FROM 10:00 P.M. TO 5:30 A.M.
* UPON PEDESTRIAN ACTUATION ONLY

** DURATION OF TRAIL
OP-OPEN
CL-CLOSED
NL - NON-LOCKING

PREEMPTION NOTES

IF TRAIN PREEMPTION OCCURS DURING:

PHASE 1, INTERVAL 1: TERMINATE THE GREENS AND GREEN ARROW IMMEDIATELY FOLLOWED BY INTERVAL 2, INTERVAL 3 AND PHASE RR INTERVAL 1.

INTERVAL 2: ALLOW THE INTERVAL TO TIME OUT FOLLOWED BY INTERVAL 3 AND PHASE RR INTERVAL 1.

INTERVAL 3: ALLOW THE INTERVAL TO TIME OUT FOLLOWED BY PHASE RR INTERVAL 1.

PHASE 2, INTERVAL 1: IMMEDIATELY ADVANCE TO PHASE RR INTERVAL 1.

INTERVAL 2: ALLOW THE INTERVAL TO TIME OUT FOLLOWED BY INTERVAL 3 AND PHASE RR INTERVAL 1.

INTERVAL 3: ALLOW THE INTERVAL TO TIME OUT FOLLOWED BY PHASE RR INTERVAL 1.

PHASE RR, INTERVAL 1: ALLOW THE CONTROLLER TO CONTINUE IN INTERVAL 1.

INTERVAL 2: ALLOW THE INTERVAL TO TIME OUT FOLLOWED BY INTERVAL 3 AND PHASE RR INTERVAL 1.

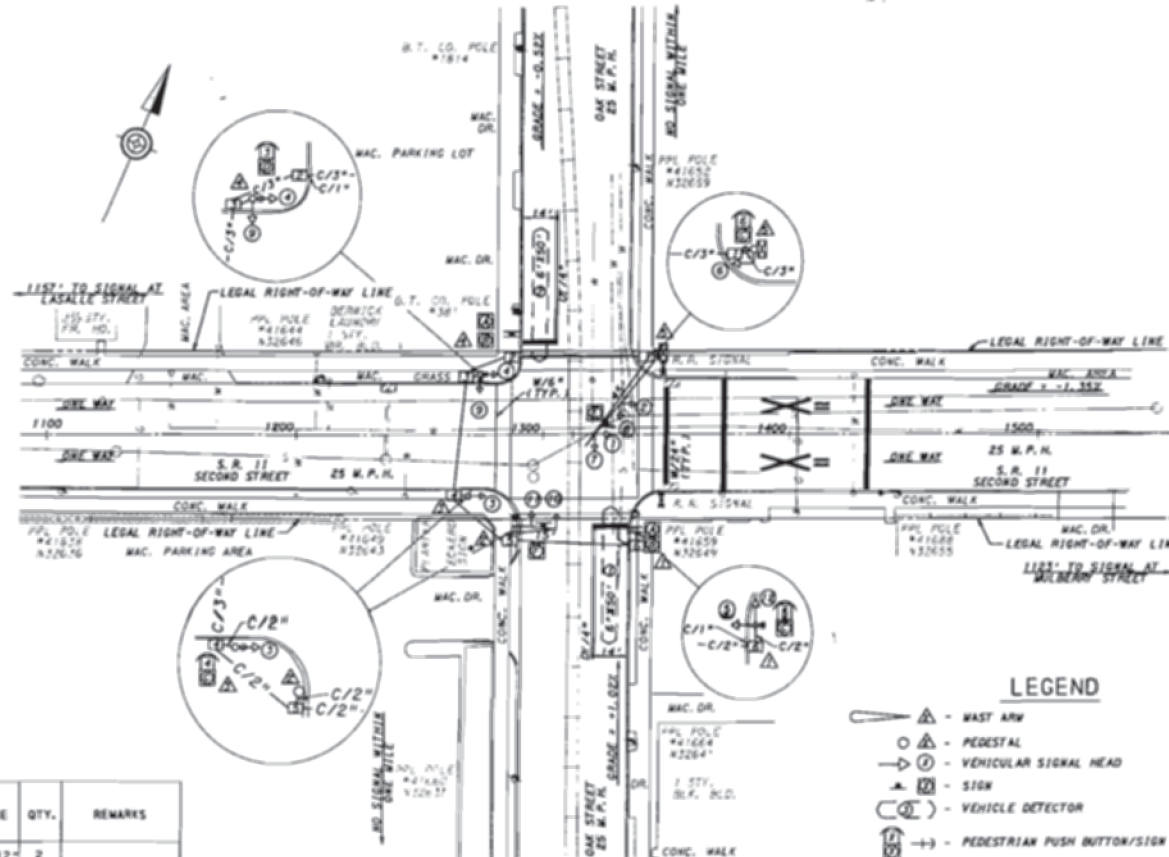
INTERVAL 3: ALLOW THE INTERVAL TO TIME OUT FOLLOWED BY PHASE RR INTERVAL 1.

EMERGENCY FLASH, THE CONTROLLER SHOULD REMAIN IN FLASH AND SIGN (2) SHOULD OPEN (ON).

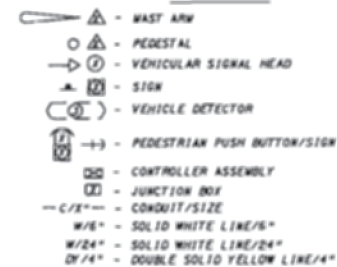
UPON COMPLETION OF PREEMPTION, CONTROLLER SHOULD RETURN TO NORMAL OPERATION.

SIGNS

SIGN STANDARD	DESCRIPTION	SIZE	QTY.	REMARKS
RG-1R	HORIZONTAL RIGHT ONE WAY	36"x12"	2	
RG-1L	HORIZONTAL LEFT ONE WAY	36"x12"	2	
R10-3	PUSH BUTTON FOR GREEN LIGHT	9"x12"	3	RIGHT ARROW
R10-3	PUSH BUTTON FOR GREEN LIGHT	9"x12"	1	LEFT ARROW
RG-2L	VERTICAL LEFT ONE WAY	24"x30"	1	CHANGABLE MESSAGE FOLDING SIGN
R1-2	NO LEFT TURN	24"x24"	1	
RG-2R	VERTICAL RIGHT ONE WAY	24"x30"	1	



LEGEND



COUNTY: COLUMBIA

MUNICIPALITY: BOROUGH OF BERWICK

INTERSECTION: S.R. 11 (SECOND STREET) AND

OAK STREET

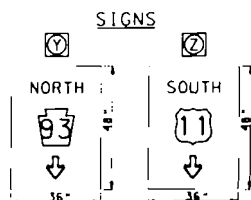
REVIEWED:

MUNICIPAL OFFICIAL: DATE:

RECOMMENDED:

DISTRICT TRAFFIC ENGINEER: DATE:

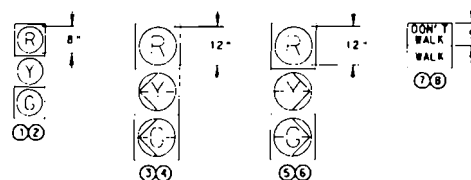
SCALE: 0' 25' 50' 75'



SIGNS

SIGN	STANDARD	DESCRIPTION	SIZE	QTY.	REMARKS
	R10-6L	STOP HERE ON RED	24"x30"	4	
	R9-3	NO PEDESTRIAN CROSSING	18"x18"	4	
	R10-4	PUSH BUTTON FOR WALK SIGNAL	9"x12"	3	RIGHT ARROW
	R10-4	PUSH BUTTON FOR WALK SIGNAL	9"x12"	1	LEFT ARROW
	R3-7-1R	ALL TRAFFIC MUST TURN RIGHT	30"x30"	2	
	R3-7-1L	ALL TRAFFIC MUST TURN LEFT	30"x30"	1	
	R7-1	NO PARKING SYMBOL	12"x12"	2	
	R7-7	NO PARKING ARROW	12"x6"	2	
	R5-1	DO NOT ENTER	30"x30"	2	
	R5-9	WRONG WAY	36"x24"	1	
	SPECIAL	SEE SIGN DETAIL	36"x48"	3	TO BE SUPPLIED BY THE DEPT.
	SPECIAL	SEE SIGN DETAIL	36"x48"	3	

SIGNALS



COUNTY : COLUMBIA

MUNICIPALITY : BOROUGH OF BERRICK

INTERSECTION : S.R. 1023 (LOGSALLE STREET) AND
S.R. 11 (SECOND AND FRONT STREETS)

REVIEWED :

MUNICIPAL OFFICIAL DATE

RECOMMENDED :

DISTRICT TRAFFIC ENGINEER DATE

SIGNS

SIGN	STANDARD	DESCRIPTION	SIZE	QTY.	REMARKS
Ⓢ	R1-1	STOP	30"x30"	1	
Ⓢ	R6-1L	LEFT ONE WAY	36"x12"	1	
Ⓢ	R6-1R	RIGHT ONE WAY	36"x12"	1	
Ⓢ	R9-3A	NO PEDESTRIAN CROSSING	18"x18"	2	
Ⓢ	R3-2	NO LEFT TURN	30"x30"	1	
Ⓢ	R3-1	NO RIGHT TURN	30"x30"	1	
Ⓢ	R10-6L	STOP HERE ON RED	24"x30"	2	
Ⓢ	R10-4	PUSH BUTTON FOR WALK SIGNAL	9"x12"	1	LEFT ARROW
Ⓢ	R10-4	PUSH BUTTON FOR WALK SIGNAL	9"x12"	1	RIGHT ARROW
Ⓢ	R3-7R	RIGHT LANE MUST TURN RIGHT	30"x30"	1	

COUNTY : COLUMBIA

MUNICIPALITY : BOROUGH OF BERWICK

INTERSECTION : S.R. 11 (FRONT STREET) AND

S.R. 93 (ORANGE STREET)

REVIEWED :

MUNICIPAL OFFICIAL DATE

RECOMMENDED :

DISTRICT TRAFFIC ENGINEER DATE

DATE ISSUED: 12-10-1987

DATE REVISED

REASON/COMMENTS

3-11-2005 COMPUTERIZED DRAWING

8-31-2006 NEW PERMIT SHEET SIZE

GENERAL NOTES

INSTALL, OPERATE AND MAINTAIN THIS TRAFFIC SIGNAL IN ACCORDANCE WITH ALL PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS, SPECIFICATIONS, AND STANDARD DRAWINGS.

NO MODIFICATION OF THIS INSTALLATION IS PERMITTED UNLESS PRIOR APPROVAL IS GRANTED, IN WRITING, BY THE DEPARTMENT.

ALL MAINTENANCE NECESSARY FOR PROPER VISIBILITY OF THE SIGNALS, INCLUDING TRIMMING TREES, IS THE RESPONSIBILITY OF THE PERMITTEE.

THE PERMITTEE INSTALLS AND MAINTAINS ALL SIGNS AND PAVEMENT MARKINGS INDICATED ON THIS DRAWING WHICH ARE CONSIDERED PART OF THE PERMIT, UNLESS OTHERWISE INDICATED. THE DEPARTMENT MAINTAINS THE LONGITUDINAL PAVEMENT MARKINGS ON STATE HIGHWAYS.

INSTALL POST MOUNTED SIGNALS WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF THE CURB OR EDGE OF THE SHOULDER. ALSO, INSTALL SUPPORT POLES FOR OVERHEAD SIGNALS WITH A MINIMUM HORIZONTAL CLEARANCE OF 2 FEET.

INSTALL SIGNAL HEADS AND SIGNS ERECTED OVER THE ROADWAY WITH THE BOTTOMS NOT LESS THAN 15 FEET NOR MORE THAN 19 FEET ABOVE THE ROADWAY.

INSTALL POST MOUNTED SIGNAL HEADS WITH BOTTOMS NOT LESS THAN 8 FEET NOR MORE THAN 15 FEET ABOVE THE SIDEWALK OR PAVEMENT GRADE.

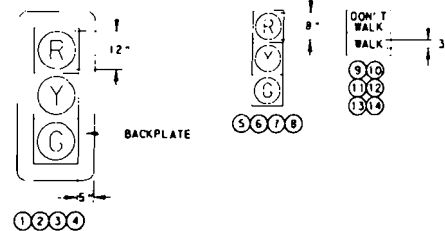
INSTALL SIGNAL HEADS WITH A MINIMUM HORIZONTAL DISTANCE OF 8 FEET BETWEEN THE HEADS AS MEASURED AT RIGHT ANGLES TO THE APPROACH.

IN ADDITION TO THIS SIGNAL PERMIT, THE PERMITTEE MUST OBTAIN A HIGHWAY OCCUPANCY PERMIT PRIOR TO ANY OPENINGS BEING MADE IN OR UNDER ANY PORTION OF A STATE HIGHWAY.

THREE WORKING DAYS PRIOR TO EXCAVATION THE PERMITTEE MUST CONTACT THE ONE-CALL SYSTEM INC., PHONE 1-800-242-1776.

CONDUIT INSTALLED IN BITUMINOUS ROADWAY LESS THAN 5 YEARS OLD, OR CONCRETE ROADWAY REGARDLESS OF AGE MUST BE BORED OR JACKED UNDER THE ROADWAY. INSTALL IN ACCORDANCE WITH TRAFFIC SIGNAL STANDARDS TC-7800 SERIES.

SIGNALS



- NOTES:
1.) SIGNALS 1, 2, 3 AND 4 ARE EQUIPPED WITH BACKPLATES.
2.) ALL SIGNAL ARE EQUIPPED WITH TUNNEL VISORS.

WEEKLY PROGRAM CHART

EVENT	WEEK	DAY	HOUR	MINUTE	SECOND	PRG. NO.	REMARKS
1	1-52	1	01	00	00	4	FLASH
2			05	00	00	3	FREE
3		12-6	01	00	00	4	FLASH
4			05	00	00	2	50 SEC.
5			06	30	30	1	70 SEC.
6			10	00	00	3	FREE
7			14	00	00	1	70 SEC.
8			18	00	00	2	50 SEC.
9			21	30	30	3	FREE
10		7	01	00	00	4	FLASH
11			05	00	00	3	FREE

*DAY NO. 1 IS SUNDAY

	PHASE 1				PHASE 2				PHASE 3				
	1	2	3	4	1	2	3	4	1	2	3	4	FLASHING
SIGNAL	1 2 3 4	5 6	7 8	9 10 11 12	1 2 3 4	5 6	7 8	9 10 11 12	1 2 3 4	5 6	7 8	9 10 11 12	Y
INTERVAL	G	G	Y	R	R	R	R	R	G	G	Y	R	R
FIXED	4	3	2		3	2			4	3	2		OFF
MINIMUM					2				2				OFF
PASSAGE					3				3				
MAXIMUM					20				20				
PEDESTRIAN *	7				7				7				
MEMORY	MR				NL				NL				
SPLIT % AGE	50%				25%				25%				

NOTES:

- 1.) * UPON PEDESTRIAN PUSHBUTTON ACTUATION ONLY.
- 2.) MR - MINIMUM RECALL
- 3.) NL - NON-LOCKING
- 4.) LOOP ONE CALLS AND EXTENDS PHASE 2.
- 5.) LOOP TWO CALLS AND EXTENDS PHASE 3.
- 6.) PEDESTRIAN PUSHBUTTON 7 AND 8 CALL PHASE 3 PEDESTRIAN TIMING.
- 7.) PEDESTRIAN PUSHBUTTONS 3, 4, 5 AND 6 CALL PHASE 1 PEDESTRIAN TIMING.

0.7 MILES TO
BRYAN CREEK BOROUGH

LEGAL RIGHT-OF-WAY LINE

LEGAL RIGHT-OF-WAY LINE

LEGAL RIGHT-OF-WAY LINE

LEGAL RIGHT-OF-WAY LINE

LEGAL RIGHT-OF-WAY LINE

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LEGAL RIGHT-OF-WAY LINE

SIGNS

SIGN	STANDARD	DESCRIPTION	SIZE	QTY.	REMARKS
1	R3-7L	LEFT LANE MUST TURN LEFT	24"x30"	2	
2	R10-11	NO TURN ON RED	30"x36"	2	
3	R10-4	PUSH BUTTON FOR WALK SIGNAL	9"x12"	5	RIGHT ARROW
4	R10-4	PUSH BUTTON FOR WALK SIGNAL	9"x12"	1	LEFT ARROW
5	R10-6L	STOP HERE ON RED	24"x30"	1	

PROGRAM NUMBER	CYCLE LENGTH	POPULAR	ORCHARD	ORANGE	LOSALLE
1	170 SEC.	10 SEC.	75 SEC.	5 SEC.	0 SEC.
2	50 SEC.	10 SEC.	30 SEC.	10 SEC.	0 SEC.
3	50 SEC.	10 SEC.	30 SEC.	10 SEC.	0 SEC.
4	1 FLASH	1-5 AM	1-5 AM	1-5 AM	1-5 AM

MASTER CONTROLLER LOCATED AT 2nd AND LOSALLE STREET

PROGRAMS

OFFSET

POPULAR

ORCHARD

ORANGE

LOSALLE

1-5 AM

1-5 AM

1-5 AM

1-5 AM

1-5 AM

1-5 AM

1-5 AM

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1-5 AM

LEGEND

- △ - MAST ARM
- - PEDESTAL
- - VEHICULAR SIGNAL HEAD
- - PEDESTRIAN SIGNAL HEAD
- - SIGN
- - VEHICLE DETECTOR
- - PEDESTRIAN PUSH BUTTON/SIGN
- - CONTROLLER ASSEMBLY
- - JUNCTION BOX
- - CONDUIT/SIZE
- W/4" - SOLID WHITE LINE/4"
- W/24" - SOLID WHITE LINE/24"
- QY/4" - DOUBLE SOLID YELLOW LINE/4"
- N.T.S. - NOT TO SCALE
- 8 - PHASE

COUNTY : COLUMBIA

MUNICIPALITY : BOROUGH OF BERWICK

INTERSECTION : S.R. 11 (FRONT STREET) AND

ORCHARD STREET

REVIEWED :

MUNICIPAL OFFICIAL DATE

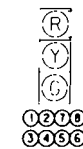
RECOMMENDED :

DISTRICT TRAFFIC ENGINEER DATE

SCALE : 0' 25' 50' 75'

DATE ISSUED: 4-26-1984

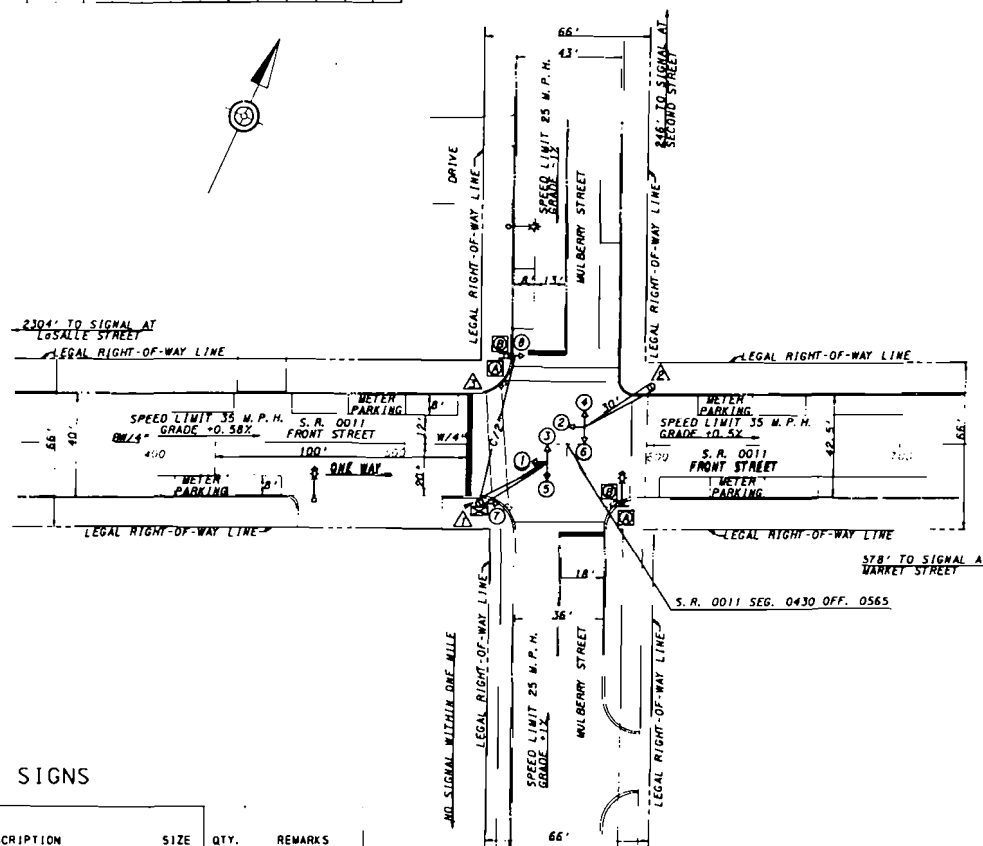
SIGNALS



TIME BASED COORDINATOR PROGRAMMING DATA

PROGRAM NUMBER	CYCLE LENGTH	PROGRAMS					
		OFFSET / YIELD POINT		OFFSET / YIELD POINT		MULTIPLIER / WMT	
		FRT	MUL	FRT	MUL	SEC	WMT
1	65 SEC	10 SECONDS	3	12	24	28	28
2	70 SEC	10 SECONDS	2	8	24	28	28
3	70 SEC	10 SECONDS	2	8	24	28	28
4	80 SEC	10 SECONDS	2	8	24	28	28
5	FLASH						

	PHASE 1			PHASE 2			
							FLASHING
FRONT STREET AND MULBERRY STREET	INTERVAL			INTERVAL			
SIGNAL	1	2	3	4	5	6	
1270	G	Y	R		R	R	Y
3456	R	R	R		G	Y	R
PROGRAM #1							
TIME	46	3	1	11	3	1	65 SECONDS
PROGRAM #2							
TIME	51	3	1	16	3	1	75 SECONDS
PROGRAM #3							
TIME	43	3	1	19	3	1	70 SECONDS
PROGRAM #4							
TIME	47	3	1	25	3	1	80 SECONDS



SIGNS

SIGN STANDARD	DESCRIPTION	SIZE	QTY.	REMARKS
R6-1L	HORIZONTAL LEFT ONE-WAY	36"x12"	2	
R6-1R	HORIZONTAL RIGHT ONE-WAY	36"x12"	2	

LEGEND

- △ - WAST ARM
- - PEDESTAL
- - VEHICULAR SIGNAL HEAD
- - CONTROLLER ASSEMBLY
- C — CONDUIT/PIPE
- W/4" - SOLID WHITE LINE/4"
- W/24" - SOLID WHITE LINE/24"
- BW/4" - BROKEN WHITE LINE/4"
- - LIGHTING LUMINAIRE WITH SUPPORT

GENERAL NOTES

INSTALL, OPERATE AND MAINTAIN THIS TRAFFIC SIGNAL IN ACCORDANCE WITH ALL PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS, SPECIFICATIONS, AND STANDARD DRAWINGS.

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INSTALL SIGNAL HEADS AND SIGNS ERECTED OVER THE ROADWAY WITH THE BOTTOMS NOT LESS THAN 15 FEET NOR MORE THAN 19 FEET ABOVE THE ROADWAY.

INSTALL POST MOUNTED SIGNAL HEADS WITH BOTTOMS NOT LESS THAN 8 FEET NOR MORE THAN 15 FEET ABOVE THE SIDEWALK OR PAVEMENT GRADE.

INSTALL SIGNAL HEADS WITH A MINIMUM HORIZONTAL DISTANCE OF 8 FEET BETWEEN THE HEADS AS MEASURED AT RIGHT ANGLES TO THE APPROACH.

IN ADDITION TO THIS SIGNAL PERMIT, THE PERMITTEE MUST OBTAIN A HIGHWAY OCCUPANCY PERMIT PRIOR TO ANY OPENINGS BEING MADE IN OR UNDER ANY PORTION OF A STATE HIGHWAY.

THREE WORKING DAYS PRIOR TO EXCAVATION THE PERMITTEE MUST CONTACT THE ONE-CALL SYSTEM INC., PHONE 1-800-242-1176.

CONDUIT INSTALLED IN BITUMINOUS ROADWAY LESS THAN 5 YEARS OLD, OR CONCRETE ROADWAY REGARDLESS OF AGE MUST BE BORED OR JACKED UNDER THE ROADWAY. INSTALL IN ACCORDANCE WITH TRAFFIC SIGNAL STANDARDS TC-7800 SERIES.

COUNTY: COLUMBIA

MUNICIPALITY: BOROUGH OF BERNICK

INTERSECTION: S.R. 11 (FRONT STREET) AND MULBERRY STREET

REVIEWED:

MUNICIPAL OFFICIAL DATE

RECOMMENDED:

DISTRICT TRAFFIC ENGINEER DATE

SCALE: 0' 25' 50' 75'

DATE ISSUED: 4-26-1984

DATE REVISED
4-21-2005
8-31-2006

REASON/COMMENTS
COMPUTERIZED DRAWING
NEW PERMIT SHEET SIZE

GENERAL NOTES

INSTALL, OPERATE AND MAINTAIN THIS TRAFFIC SIGNAL IN ACCORDANCE WITH ALL PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS, SPECIFICATIONS, AND STANDARD DRAWINGS.

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INSTALL SIGNAL HEADS AND SIGNS ERECTED OVER THE ROADWAY WITH THE BOTTOMS NOT LESS THAN 15 FEET NOR MORE THAN 19 FEET ABOVE THE ROADWAY.

INSTALL POST MOUNTED SIGNAL HEADS WITH BOTTOMS NOT LESS THAN 8 FEET NOR MORE THAN 15 FEET ABOVE THE SIDEWALK OR PAVEMENT GRADE.

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COUNTY: COLUMBIA

MUNICIPALITY: BOROUGH OF BERRICK

INTERSECTION: S.R. 11 (SECOND STREET) AND

MULBERRY STREET

REVIEWED:

MUNICIPAL OFFICIAL DATE

RECOMMENDED:

DISTRICT TRAFFIC ENGINEER DATE

SCALE: 0' 25' 50' 75'

TIME BASED COORDINATOR PROGRAMMING DATA									
PROGRAMS									
PROGRAM NUMBER	CYCLE LENGTH	OFFSET / YIELD POINT	OFFSET / YIELD POINT	OFFSET / YIELD POINT	OFFSET / YIELD POINT	OFFSET / YIELD POINT	OFFSET / YIELD POINT	OFFSET / YIELD POINT	OFFSET / YIELD POINT
1	65 SEC.	0 SECONDS	9	1	24	3	1	2	3
2	70 SEC.	0 SECONDS	2	1	6	2	1	2	3
3	70 SEC.	10 SECONDS	2	1	6	2	1	2	3
4	70 SEC.	15 SECONDS	2	1	6	2	1	2	3
5	FLASH								

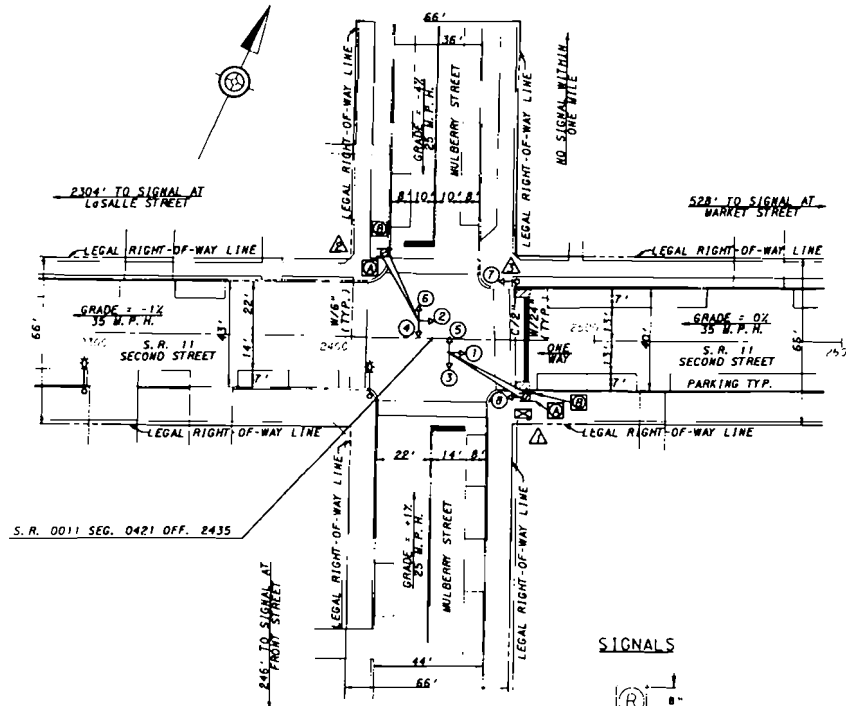
FRONT AND MULBERRY STREETS - MASTER OFFSET REFERENCE LOCATION
ALL OFFSETS ARE REFERENCE TO THE START OF INTERVAL NUMBER 1 AT THIS SIGNAL

WEEKLY PROGRAM CHART									
EVENT	WEEK	DAY	HOUR	MINUTE	SECOND	CYCLE NO.	SPLIT NO.	REMARKS	
1			01	00	00	5		FLASH	
2			05	30	00	1	1	65 SEC.	
3			07	00	00	2	1	75 SEC.	
4			09	30	00	3	1	70 SEC.	
5	1-52	W	15	15	00	4	1	80 SEC.	
6			17	45	00	2	1	75 SEC.	
7			19	30	00	3	1	70 SEC.	
8			21	00	00	1	1	65 SEC.	
1			01	00	00	5		FLASH	
2			05	30	00	1	1	65 SEC.	
3			07	00	00	2	1	75 SEC.	
4	1-52	FRI	09	30	00	3	1	70 SEC.	
5			15	15	00	4	1	80 SEC.	
6			17	45	00	2	1	75 SEC.	
9			21	30	00	1	1	65 SEC.	
1			01	00	00	5		FLASH	
10			06	30	00	1	1	65 SEC.	
11	1-52	SAT	09	30	00	3	1	70 SEC.	
12			11	30	00	2	1	75 SEC.	
13			17	30	00	3	1	70 SEC.	
8			21	00	00	1	1	65 SEC.	
1			01	00	00	5		FLASH	
14			07	30	00	1	1	65 SEC.	
15	1-52	SUN	11	30	00	3	1	70 SEC.	
16			17	30	00	1	1	65 SEC.	

LEGEND

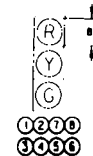
- △ - MAST ARM
- - PEDESTAL
- - VEHICULAR SIGNAL HEAD
- - SIGN
- - CONTROLLER ASSEMBLY
- C/ - CONDUIT SIZE
- W/6" - SOLID WHITE LINE/6"
- W/24" - SOLID WHITE LINE/24"
- - LIGHTING LUMINAIRE WITH SUPPORT

PHASE 1		PHASE 2		FLASHING	
INTERVAL		INTERVAL		INTERVAL	
SIGNAL 1278 3456		SIGNAL 1278 3456		SIGNAL 1278 3456	
PROGRAM #1 TIME		PROGRAM #2 TIME		PROGRAM #3 TIME	
35	3	1	22	3	1
53	3	1	14	3	1
43	3	1	19	3	1
53	3	1	19	3	1



SIGNS

SIGNALS



SIGN STANDARD	DESCRIPTION	SIZE	QTY.	REMARKS
R6-1L	HORIZONTAL LEFT ONE WAY SIGN	36"x12"	2	
R6-1R	HORIZONTAL RIGHT ONE WAY SIGN	36"x12"	2	

DATE ISSUED: 4-26-1984

DATE REVISED	REASON/COMMENTS
11-9-1984	NIGHT TIME FLASH REMOVED
4-21-2005	COMPUTERIZED DRAWING
8-31-2006	NEW PERMIT SHEET SIZE

GENERAL NOTES

INSTALL, OPERATE AND MAINTAIN THIS TRAFFIC SIGNAL IN ACCORDANCE WITH ALL PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS, SPECIFICATIONS, AND STANDARD DRAWINGS.

NO MODIFICATION OF THIS INSTALLATION IS PERMITTED UNLESS PRIOR APPROVAL IS GRANTED, IN WRITING, BY THE DEPARTMENT.

ALL MAINTENANCE NECESSARY FOR PROPER VISIBILITY OF THE SIGNALS, INCLUDING TRIMMING TREES, IS THE RESPONSIBILITY OF THE PERMITTEE.

THE PERMITTEE INSTALLS AND MAINTAINS ALL SIGNS AND PAVEMENT MARKINGS INDICATED ON THIS DRAWING WHICH ARE CONSIDERED PART OF THE PERMIT, UNLESS OTHERWISE INDICATED. THE DEPARTMENT MAINTAINS THE LONGITUDINAL PAVEMENT MARKINGS ON STATE HIGHWAYS.

INSTALL POST MOUNTED SIGNALS WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF THE CURB OR EDGE OF THE SHOULDER. ALSO INSTALL SUPPORT POLES FOR OVERHEAD SIGNALS WITH A MINIMUM HORIZONTAL CLEARANCE OF 2 FEET.

INSTALL SIGNAL HEADS AND SIGNS ERECTED OVER THE ROADWAY WITH THE BOTTOMS NOT LESS THAN 15 FEET NOR MORE THAN 19 FEET ABOVE THE ROADWAY.

INSTALL POST MOUNTED SIGNAL HEADS WITH BOTTOMS NOT LESS THAN 8 FEET NOR MORE THAN 15 FEET ABOVE THE SIDEWALK OR PAVEMENT GRADE.

INSTALL SIGNAL HEADS WITH A MINIMUM HORIZONTAL DISTANCE OF 8 FEET BETWEEN THE HEADS AS MEASURED AT RIGHT ANGLES TO THE APPROACH.

IN ADDITION TO THIS SIGNAL PERMIT, THE PERMITTEE MUST OBTAIN A HIGHWAY OCCUPANCY PERMIT PRIOR TO ANY OPENINGS BEING MADE IN OR UNDER ANY PORTION OF A STATE HIGHWAY.

THREE WORKING DAYS PRIOR TO EXCAVATION THE PERMITTEE MUST CONTACT THE ONE-CALL SYSTEM INC., PHONE 1-800-242-1776.

CONDUIT INSTALLED IN BITUMINOUS ROADWAY LESS THAN 5 YEARS OLD, OR CONCRETE ROADWAY REGARDLESS OF AGE MUST BE BORED OR JACKED UNDER THE ROADWAY. INSTALL IN ACCORDANCE WITH TRAFFIC SIGNAL STANDARDS TC-7800 SERIES.

COUNTY: COLUMBIA

MUNICIPALITY: BOROUGH OF BERRICK

INTERSECTION: S.R. 11 (SECOND STREET) AND PINE STREET

REVIEWED:

MUNICIPAL OFFICIAL: DATE:

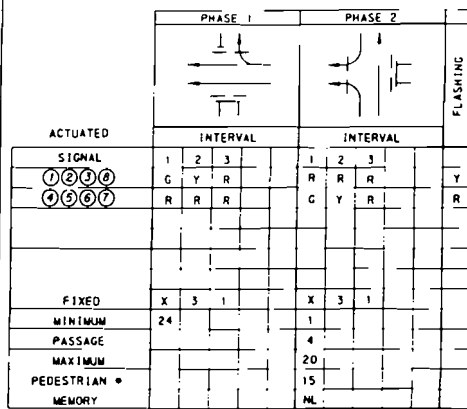
RECOMMENDED:

DISTRICT TRAFFIC ENGINEER: DATE:

SCALE: 0' 25' 50' 75'

PROGRAM NUMBER	CYCLE LENGTH	OFFSET (SECONDS)					THO/MKT
		FRT/MUL	FRT/MKT	SEC/PINE	SEC/MKT	SEC/MUL	
1	65 SEC.	0 SEC.	9	12	24	33	39
2	75 SEC.	0 SEC.	9	21	65	28	55
3	70 SEC.	10 SEC.	21	24	27	33	53
4	80 SEC.	5 SEC.	4	8	18	27	54
5	FLASH						

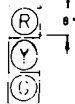
FRONT AND MULBERRY STREETS-MASTER OFFSET REFERENCE LOCATION
ALL OFFSETS ARE REFERENCED TO THE START OF INTERVAL NO. 1 AT THIS SIGNAL



• UPON PEDESTRIAN ACTUATION ONLY
NL-NON LOCKING

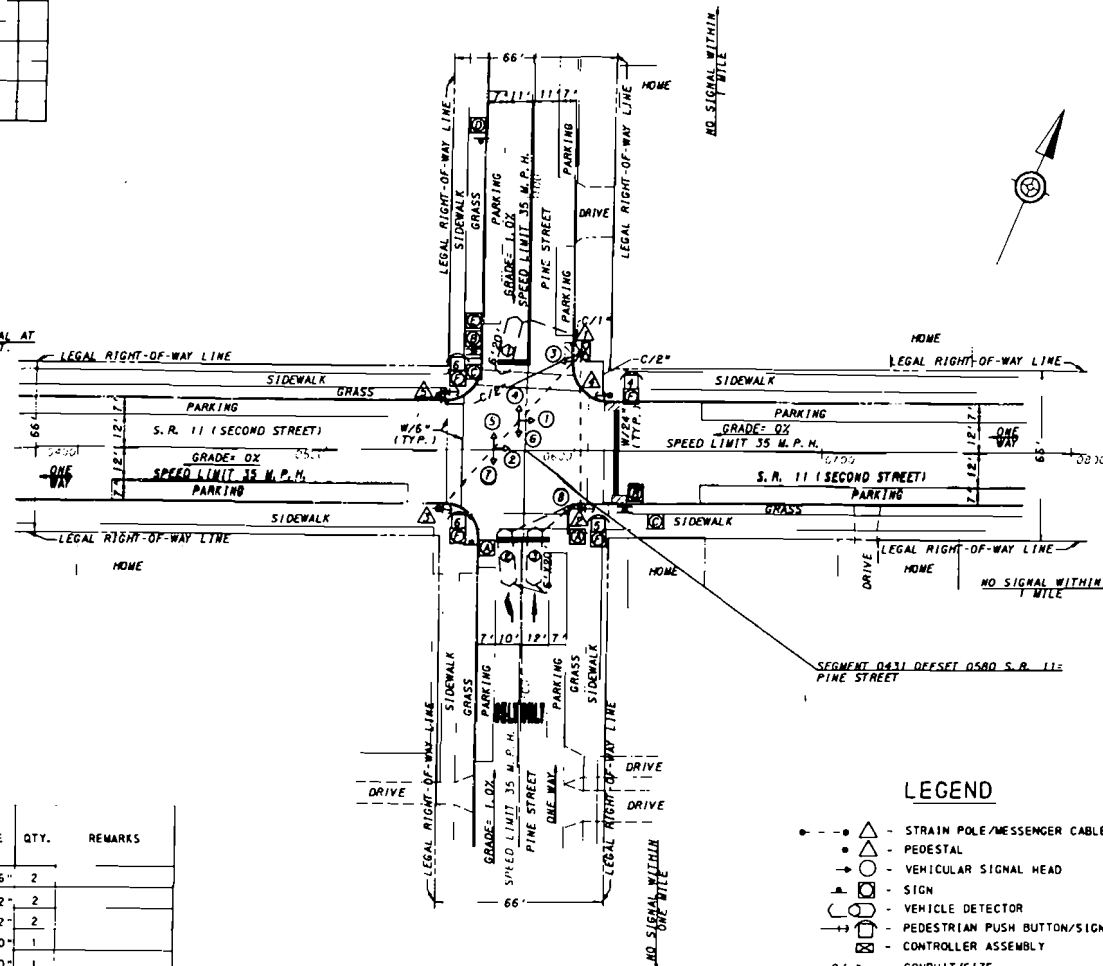
SIGNALS

1 2 3 4
5 6 7 8



SIGNS

SIGN	STANDARD	DESCRIPTION	SIZE	QTY.	REMARKS
RS-1		DO NOT ENTER	36"x36"	2	
R6-1R		HORIZONTAL RIGHT ONE-WAY	36"x12"	2	
R6-1L		HORIZONTAL LEFT ONE-WAY	36"x12"	2	
R3-71R		ALL TRAFFIC MUST TURN RIGHT	30"x30"	1	
R10-11		NO TURN ON RED	24"x30"	1	
R10-3		PUSH BUTTON FOR GREEN LIGHT	9"x12"	3	RIGHT ARROW
R10-3		PUSH BUTTON FOR GREEN LIGHT	9"x12"	1	LEFT ARROW



LEGEND

- △ - STRAIN POLE/MESSENGER CABLE
- - PEDESTAL
- - VEHICULAR SIGNAL HEAD
- - SIGN
- - VEHICLE DETECTOR
- - PEDESTRIAN PUSH BUTTON/SIGN
- - CONTROLLER ASSEMBLY
- C/ - CONDUIT/SIZE
- W/6" - SOLID WHITE LINE/6"
- W/24" - SOLID WHITE LINE/24"

DATE ISSUED: 4-26-1984

DATE REVISED: REASON/COMMENTS

11-9-1984 NIGHT TIME FLASH REMOVED

4-21-2005 COMPUTERIZED DRAWING

9-5-2006 NEW PERMIT SHEET SIZE

GENERAL NOTES

INSTALL, OPERATE AND MAINTAIN THIS TRAFFIC SIGNAL IN ACCORDANCE WITH ALL PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS, SPECIFICATIONS, AND STANDARD DRAWINGS.

NO MODIFICATION OF THIS INSTALLATION IS PERMITTED UNLESS PRIOR APPROVAL IS GRANTED, IN WRITING, BY THE DEPARTMENT.

ALL MAINTENANCE NECESSARY FOR PROPER VISIBILITY OF THE SIGNALS, INCLUDING TRIMMING TREES, IS THE RESPONSIBILITY OF THE PERMITTEE.

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INSTALL POST MOUNTED SIGNALS WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF THE CURB OR EDGE OF THE SHOULDER. ALSO INSTALL SUPPORT POLES FOR OVERHEAD SIGNALS WITH A MINIMUM HORIZONTAL CLEARANCE OF 2 FEET.

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CONDUIT INSTALLED IN BITUMINOUS ROADWAY LESS THAN 5 YEARS OLD, OR CONCRETE ROADWAY REGARDLESS OF AGE MUST BE BORED OR JACKED UNDER THE ROADWAY. INSTALL IN ACCORDANCE WITH TRAFFIC SIGNAL STANDARDS TC-7800 SERIES.

COUNTY: COLUMBIA

MUNICIPALITY: BOROUGH OF BERRICK

INTERSECTION: S.R. 1025 (MARKET STREET) AND THIRD STREET

REVIEWED:

MUNICIPAL OFFICIAL: DATE:

RECOMMENDED:

DISTRICT TRAFFIC ENGINEER: DATE:

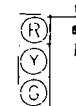
SCALE: 0' 25' 50' 75'

PROGRAM NUMBER	CYCLE LENGTH	PROGRAMS				
		OFFSET (YIELD POINT)				
		FRT/MUL	FRT/MKT	SEC/P/INE	SEC/MKT	SEC/MUL
1	65 SEC.	0 SECONDS	9	12	24	33
2	75 SEC.	0 SECONDS	9	21	65	28
3	70 SEC.	10 SECONDS	21	24	27	33
4	80 SEC.	5 SECONDS	4	8	18	27
5	FLASH					

FRONT AND MULBERRY STREETS - MASTER OFFSET REFERENCE LOCATION
ALL OFFSETS ARE REFERENCED TO THE START OF INTERVAL NO. 1 AT THIS SIGNAL

SIGNALS

① ② ③ ④
⑤ ⑥ ⑦ ⑧



SIGNS

SIGN STANDARD	DESCRIPTION	SIZE	QTY.	REMARKS
R3-5S	STRAIGHT-THRU SIGN	30"X36"	1	
R3-5R	RIGHT TURN SIGN	30"X36"	1	
R3-6SR	OPTIONAL RIGHT TURN SIGN	30"X36"	1	
R3-5L	LEFT TURN SIGN	30"X36"	1	
R3-7L	LEFT LANE MUST TURN LEFT	30"X30"	2	

LEGEND

- WAST ARM
- STRAIN POLE/MESSENGER CABLE
- PEDESTAL
- VEHICULAR SIGNAL HEAD
- SIGN
- CONTROLLER ASSEMBLY
- CONDUIT/SIZE
- W/6" - SOLID WHITE LINE/6"
- W/24" - SOLID WHITE LINE/24"
- LIGHTING LUMINAIRE WITH SUPPORT

DATE ISSUED: 12-10-1987

DATE REVISED: 3-11-2005
8-31-2006

REASON/COMMENTS:
COMPUTERIZED DRAWING
NEW PERMIT SHEET 121.

GENERAL NOTES

INSTALL, OPERATE AND MAINTAIN THIS TRAFFIC SIGNAL IN ACCORDANCE WITH ALL PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS, SPECIFICATIONS, AND STANDARD DRAWINGS.

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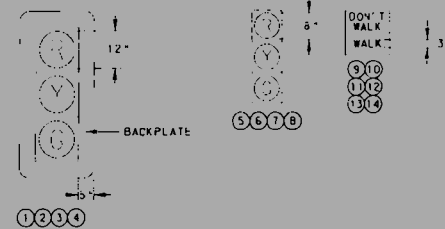
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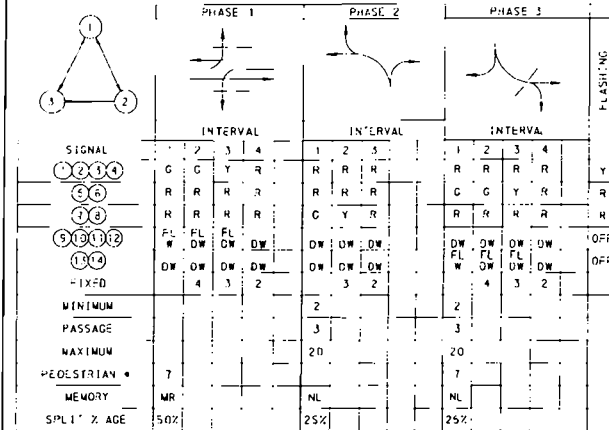
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SIGNALS



NOTES:
1.) SIGNALS 1, 2, 3 AND 4 ARE EQUIPPED WITH BACKPLATES.
2.) ALL SIGNALS ARE EQUIPPED WITH TUNNEL VISORS.



NOTES:
1.) * UPON PEDESTRIAN PUSHBUTTON ACTIVATION ONLY.
2.) NR - MINIMUM RECALL
3.) NL - NON-LOCKING
4.) LOOP ONE CALLS AND EXTENDS PHASE 2.
5.) LOOP TWO CALLS AND EXTENDS PHASE 3.
6.) PEDESTRIAN PUSHBUTTON 7 AND 8 CALL PHASE 3 PEDESTRIAN TIMING.
7.) PEDESTRIAN PUSHBUTTONS 3, 4, 5 AND 6 CALL PHASE 1 PEDESTRIAN TIMING.

0.7 MILES TO
BRIAR CREEK BOROUGH

LEGAL RIGHT-OF-WAY LINE

LEGAL RIGHT-OF-WAY LINE

LEGAL RIGHT-OF-WAY LINE

PROGRAM CYCLE	POPLAR	ORCHARD	CHANCE	LOSALLE
NUMBER	10	20	5	0
LENGTH	10 SEC.	20 SEC.	5 SEC.	0 SEC.
7	10 SEC.	20 SEC.	10 SEC.	0 SEC.
1	FREE	1-5 AM	1-5 AM	1-5 AM
4	FLASH	1-5 AM	1-5 AM	1-5 AM

MASTER CONTROLLER LOCATED AT 2ND AND LOSALLE STREET

SIGNS

SIGN STANDARD	DESCRIPTION	SIZE	QTY.	REMARKS
R3-7L	LEFT LANE MUST TURN LEFT	24"x30"	2	
R10-11	NO TURN ON RED	30"x36"	2	
R10-4	PUSH BUTTON FOR WALK SIGNAL	3"x12"	5	HIGH ARROW
R10-4	PUSH BUTTON FOR WALK SIGNAL	3"x12"	1	LEFT ARROW
R10-6L	STOP HERE ON RED	24"x30"	1	

LEGEND

- MAST ARM
- PEDESTAL
- VEHICULAR SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD
- SIGN
- VEHICLE DETECTOR
- PEDESTRIAN PUSH BUTTON/SIGN
- CONTROLLER ASSEMBLY
- JUNCTION BOX
- CONDUIT/SIZE
- W/4" - SOLID WHITE LINE/4"
- W/24" - SOLID WHITE LINE/24"
- OY/4" - DOUBLE SOLID YELLOW LINE/4"
- N.T.S. - NOT TO SCALE
- Ø - PHASE

COUNTY: COLUMBIA

MUNICIPALITY: BOROUGH OF BERWICK

INTERSECTION: S.R. 11 (FRONT STREET) AND ORCHARD STREET

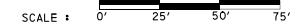
REVIEWED: _____ DATE _____

MUNICIPAL OFFICIAL: _____ DATE _____

RECOMMENDED: _____ DATE _____

DISTRICT TRAFFIC ENGINEER: _____ DATE _____

SCALE: 0' 25' 50' 75'



GENERAL NOTES

1. INSTALLATION, OPERATION AND MAINTENANCE OF THESE TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS GOVERNING THE DESIGN, LOCATION AND OPERATION OF SIGNS, SIGNALS AND MARKINGS.

2. THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS, FORM 408, DATED 1976.

3. CONSTRUCTION DETAILS, OTHER THAN THOSE ON THIS DRAWING SHALL CONFORM TO THE DEPARTMENT'S PUBLICATION 148, TRAFFIC STANDARDS SIGNALS.

4. NO MODIFICATIONS OF THIS INSTALLATION ARE PERMITTED UNLESS PRIOR APPROVAL IS GRANTED, IN WRITING, BY THE SECRETARY OF TRANSPORTATION.

5. THIS DRAWING CANNOT BE USED AS A CONSTRUCTION DRAWING UNLESS THE PERMITTEE COMPLIES WITH THE PROVISIONS OF ACT 287, PREVENTION OF DAMAGE TO UNDERGROUND UTILITIES, EFFECTIVE APRIL 10, 1975.

6. IN ADDITION TO THE SIGNAL PERMIT, THE PERMITTEE SHALL OBTAIN A HIGHWAY OCCUPANCY PERMIT PRIOR TO ANY OPENINGS BEING MADE IN OR UNDER ANY PORTION OF A STATE HIGHWAY.

7. PRIOR TO INSTALLATION, THE CONTRACTOR SHALL CONSULT WITH THE LOCAL OFFICIALS, AND UTILITY COMPANIES TO RESOLVE ANY PROBLEMS, WHICH MAY BE CREATED DUE TO THE LOCATION OF ANY UTILITY LINES.

8. ALL MAINTENANCE WORK, INCLUDING TREE TRIMMING, NECESSARY FOR PROPER VISIBILITY AND OPERATION OF THE SIGNALS IS THE RESPONSIBILITY OF PERMITTEE.

9. ALL SIGNS INDICATED ON THIS DRAWING ARE CONSIDERED PART OF THE PERMIT AND SHALL BE MAINTAINED ACCORDINGLY BY THE MUNICIPALITY.

10. EXACT LOCATION OF TRAFFIC SIGNAL SUPPORTS AND DETECTORS, SHALL BE DETERMINED PRIOR TO INSTALLATION BY A REPRESENTATIVE OF THE DEPARTMENT.

11. ALL OVERHEAD SIGNS AND/OR SIGNALS SHALL BE RIGID MOUNTED.

12. CONTROLLER SHALL BE CAPABLE OF AND EQUIPPED FOR MANUAL OPERATION.

13. CONTROLLER SHALL BE EQUIPPED WITH A TIME CLOCK TO PROVIDE FOR NIGHTTIME FLASHING OPERATION.

SIGNS *

Std	Description	Size	Qty	Remarks
(D) R9-3	NO PEDESTRIAN CROSSING sign	18" x 18"	4	
(H) R10-4	PUSH BUTTON FOR WALK SIGNAL sign	9" x 12"	4	3' left arrow 1' right arrow
(K) R3-7L	LEFT LANE MUST TURN LEFT sign	30" x 30"	2	Pole no 7
(L) R3-7R	ALL TRAFFIC MUST TURN RIGHT sign	30" x 30"	2	Pole no 7
(M) R3-7-1L	ALL TRAFFIC MUST TURN LEFT sign	30" x 30"	1	
(N) R7-1	NO PARKING SYMBOL sign	12" x 12"	2	
(O) R7-7	NO PARKING ARROW sign	12" x 6"	2	
(P) R5-1	DO NOT ENTER sign	30" x 30"	2	Pole no 7
(R) R5-9	WRONG WAY sign	36" x 24"	1	
(S) R10-11	NO TURN ON RED sign	30" x 36"	3	
(T) Special	See Below	36" x 48"	3	To be supplied by the Dept.
(U) Special	See Below	36" x 48"	3	To be supplied by the Dept.

* this sheet only

* furnished with pedestrian pushbuttons

Electric Service Type A (to pole no 6)
Power Source PPEL 41551
Base Mounted Cabinet

LR 4
Sta 640+58
left 27'

562' to signals at
Front and Glange sts

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FLOW DIAGRAM
1981
PEAK HOUR
3:30 - 4:30 PM

14. THE MUNICIPALITY SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE FOLLOWING PAVEMENT MARKINGS: ARROWS, LIMIT LINES AND CROSS WALKS.
15. CONTROLLER SHALL HAVE THE NON-LOCKING MEMORY FEATURE.
16. DETECTORS SHALL BE EQUIPPED WITH DELAY TIMERS ADJUSTABLE FROM 0 TO 30 SECONDS.
17. EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND REMAIN THE PROPERTY OF THE BOROUGH OF BERWICK.
18. THE HEIGHT TO OVERHEAD SIGNS AND SIGNALS SHALL BE 16.5'.
19. THE HEIGHT TO POST MOUNTED SIGNS SHALL BE 70'.
20. THE HEIGHT TO POST MOUNTED "DON'T WALK" WALK SIGNALS SHALL BE 80'.

1. LOOP DETECTOR TESTING - THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING TWO TESTS:
1. DURING INSTALLATION AT THE JUNCTION BOX, PRIOR TO SAW CUT SEALING.
2. AFTER SEALING, AT THE CONTROLLER CABINET.
THE TESTS SHALL MEASURE CONTINUITY, LEAKAGE RESISTANCE AND INDUCTANCE WITH LOOP UNOCCUPIED AND LOOP OCCUPIED. THE RESULTS SHALL BE:
CONTINUITY - LESS THAN 100M; LEAKAGE RESISTANCE - INFINITY; INDUCTANCE - 50 TO 400 MICRONHENRIES. THE CHANGE BETWEEN UNOCCUPIED AND OCCUPIED READINGS SHALL BE IN A RANGE FROM 0.02% TO 4%.

SPLITS (SECONDS)

PHASE	1	2	3	4	5	6	7	8	CYCLE LENGTH
1	1	45	25						0
2	1	35	15						0
FREE	25	15							

* REFERENCE TO END OF PHASE 1 GREEN

Speed Limit - 25 MPH
Grade - 10.7%

No signal within one mile

Legal Right of Way Line

Legal Right of Way Line

Legal Right of Way Line

Legal Right of Way Line

Legal Right of Way Line

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PHASE A	PHASE B
1	1
2	2
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4	4
5	5
6	6
7	7
8	8

FLASHING

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DISTRICT 3-0 COLUMBIA ROUTE 4 18N SHEET 2 of 5

BERWICK BOROUGH

REVISION NUMBER: REVISIONS: DATE: BY:

Permit No TS30-031 Sheet 2 of 2

Date Issued 5-26-82 Date Revised:

WEEKLY PROGRAM CHART								
EVENT	WEEK	DAY	HOUR	MINUTE	SECOND	CYCLE NO.	SPLIT NO.	REMARKS
1	1-52	1-5	00	00	01	-	-	FREE
2	1-52	1-5	01	00	00	-	-	FLASH
3	1-52	1-5	05	00	00	1	1	70 SEC.
4	1-52	1-5	20	00	00	2	1	50 SEC.
5	1-52	1-5	22	00	00	-	-	FREE
6	1-52	6-7	00	00	01	-	-	FREE
7	1-52	6-7	01	00	00	-	-	FLASH
8	1-52	6-7	08	00	00	2	1	
9	1-52	6-7	10	00	00	1	1	
10	1-52	6-7	16	00	00	2	1	
11	1-52	6-7	18	00	00	-	-	FREE
12								

GENERAL NOTES

INSTALL, OPERATE AND MAINTAIN THIS TRAFFIC SIGNAL IN ACCORDANCE WITH ALL PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS, SPECIFICATIONS, AND STANDARD DRAWINGS.

NO MODIFICATION OF THIS INSTALLATION IS PERMITTED UNLESS PRIOR APPROVAL IS GRANTED, IN WRITING, BY THE DEPARTMENT.

ALL MAINTENANCE NECESSARY FOR PROPER VISIBILITY OF THE SIGNALS, INCLUDING TRIMMING TREES, IS THE RESPONSIBILITY OF THE PERMITTEE.

THE PERMITTEE INSTALLS AND MAINTAINS ALL SIGNS AND PAVEMENT MARKINGS INDICATED ON THIS DRAWING WHICH ARE CONSIDERED PART OF THE PERMIT, UNLESS OTHERWISE INDICATED. THE DEPARTMENT MAINTAINS THE LONGITUDINAL PAVEMENT MARKINGS ON STATE HIGHWAYS.

INSTALL POST MOUNTED SIGNALS WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF THE CURB OR EDGE OF THE SHOULDER. ALSO, INSTALL SUPPORT POLES FOR OVERHEAD SIGNALS WITH A MINIMUM HORIZONTAL CLEARANCE OF 2 FEET.

INSTALL SIGNAL HEADS AND SIGNS ERECTED OVER THE ROADWAY WITH THE BOTTOMS NOT LESS THAN 15 FEET NOR MORE THAN 19 FEET ABOVE THE ROADWAY.

INSTALL POST MOUNTED SIGNAL HEADS WITH BOTTOMS NOT LESS THAN 8 FEET NOR MORE THAN 15 FEET ABOVE THE SIDEWALK OR PAVEMENT GRADE.

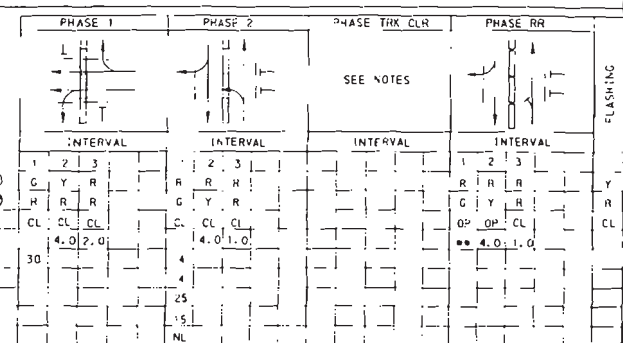
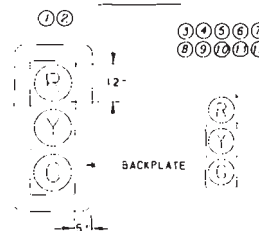
INSTALL SIGNAL HEADS WITH A MINIMUM HORIZONTAL DISTANCE OF 8 FEET BETWEEN THE HEADS AS MEASURED AT RIGHT ANGLES TO THE APPROACH.

IN ADDITION TO THIS SIGNAL PERMIT, THE PERMITTEE MUST OBTAIN A HIGHWAY OCCUPANCY PERMIT PRIOR TO ANY OPENINGS BEING MADE IN OR UNDER ANY PORTION OF A STATE HIGHWAY.

THREE WORKING DAYS PRIOR TO EXCAVATION THE PERMITTEE MUST CONTACT THE ONE-CALL SYSTEM INC., PHONE 1-800-242-1116.

CONDUIT INSTALLED IN BITUMINOUS ROADWAY LESS THAN 5 YEARS OLD, OR CONCRETE ROADWAY REGARDLESS OF AGE MUST BE BORED OR JACKED UNDER THE ROADWAY. INSTALL IN ACCORDANCE WITH TRAFFIC SIGNAL STANDARDS TC-1800 SERIES.

SIGNALS



SIGNAL	1	2	3
①②③④⑤⑥	G	Y	R
⑦⑧⑨⑩⑪⑫	H	R	R
FOLDING SIGNS	CL	CL	CL
FIXED	4.0	2.0	
MINIMUM PASSAGE	30		
MAXIMUM		25	
PEDESTRIAN			15
MEMORY			NL

- NOTES:
- FLASHING FROM 1:00 P.M. TO 5:30 A.M.
 - UPON PEDESTRIAN ACTUATION ONLY
 - DURATION OF TRAFFIC
 - OP-OPEN
 - CL-CLOSED
 - NL - NON-LOCKING

PREEMPTION NOTES

IF TRAIN PREEMPTION OCCURS DURING:

- PHASE 1, INTERVAL 1: TERMINATE THE GREENS AND GREEN ARROW IMMEDIATELY FOLLOWED BY INTERVAL 2, INTERVAL 3 AND PHASE RR INTERVAL 1.
- INTERVAL 2: ALLOW THE INTERVAL TO TIME OUT, FOLLOWED BY INTERVAL 3 AND PHASE RR INTERVAL 1.
- INTERVAL 3: ALLOW THE INTERVAL TO TIME OUT, FOLLOWED BY PHASE RR INTERVAL 1.
- PHASE 2, INTERVAL 1: IMMEDIATELY ADVANCE TO PHASE RR INTERVAL 1.
- INTERVAL 2: ALLOW THE INTERVAL TO TIME OUT, FOLLOWED BY INTERVAL 3 AND PHASE RR INTERVAL 1.
- INTERVAL 3: ALLOW THE INTERVAL TO TIME OUT, FOLLOWED BY PHASE RR INTERVAL 1.
- PHASE RR, INTERVAL 1: ALLOW THE CONTROLLER TO CONTINUE IN INTERVAL 1.
- INTERVAL 2: ALLOW THE INTERVAL TO TIME OUT, FOLLOWED BY INTERVAL 3 AND PHASE RR, INTERVAL 1.
- INTERVAL 3: ALLOW THE INTERVAL TO TIME OUT, FOLLOWED BY PHASE RR INTERVAL 1.
- EMERGENCY FLASH, THE CONTROLLER SHOULD REMAIN IN FLASH AND SIGN ⑩ SHOULD OPEN (ON).
- UPON COMPLETION OF PREEMPTION, CONTROLLER SHOULD RETURN TO NORMAL OPERATION.

SIGNS

SIGN STANDARD	DESCRIPTION	SIZE	QTY.	REMARKS
R6-1R	HORIZONTAL RIGHT ONE WAY	36"X24"	2	
R6-1L	HORIZONTAL LEFT ONE WAY	36"X24"	2	
R10-5	PUSH BUTTON FOR GREEN LIGHT	9"X12"	3	RIGHT ARROW
R10-3	PUSH BUTTON FOR GREEN LIGHT	9"X12"	3	LEFT ARROW
R6-2L	VERTICAL LEFT ONE WAY	24"X30"	1	CHANGEBLE MESSAGE FOLDING SIGN
R3-2	NO LEFT TURN	24"X24"	1	
R6-2H	VERTICAL RIGHT ONE WAY	24"X30"	1	

LEGEND

- △ - EAST ARROW
- - PEDESTAL
- ② - VEHICULAR SIGNAL HEAD
- ① - SIGN
- ④ - VEHICLE DETECTOR
- ⑤ - PEDESTRIAN PUSH BUTTON/SIGN
- ⑥ - CONTROLLER ASSEMBLY
- ⑦ - JUNCTION BOX
- ⑧ - CONDUIT/SIZE
- W/6" - SOLID WHITE LINE/6"
- W/24" - SOLID WHITE LINE/24"
- DY/4" - DOUBLE SOLID YELLOW LINE/4"

COUNTY: COLUMBIA
MUNICIPALITY: BOROUGH OF BERWICK
INTERSECTION: S.R. 11 (SECOND STREET) AND OAK STREET

REVIEWED: _____
MUNICIPAL OFFICIAL: _____ DATE: _____

RECOMMENDED: _____
DISTRICT TRAFFIC ENGINEER: _____ DATE: _____

SCALE: 0' 25' 50' 75'

DATE ISSUED: 4-26-1984

DATE REVISED: 11-9-1984
REASON/COMMENTS: REMOVED NIGHT TIME FLASH

3-4-2005
COMPUTERIZED DRAWING

8-31-2006
NEW PERMIT SHEET SIZE

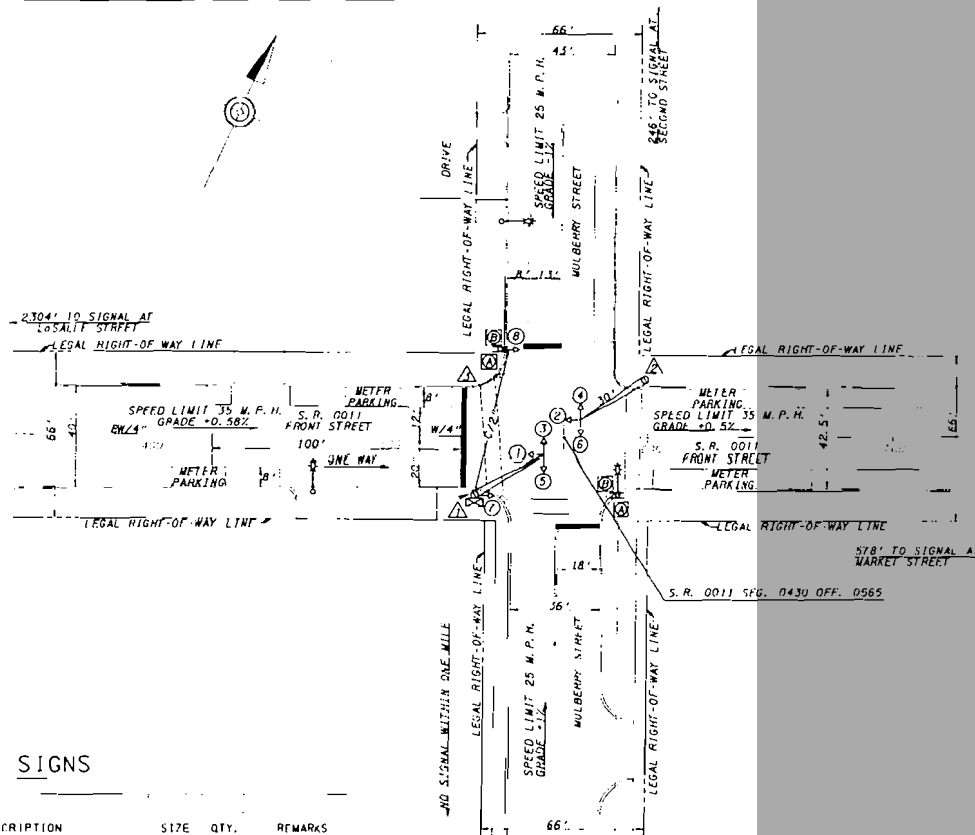
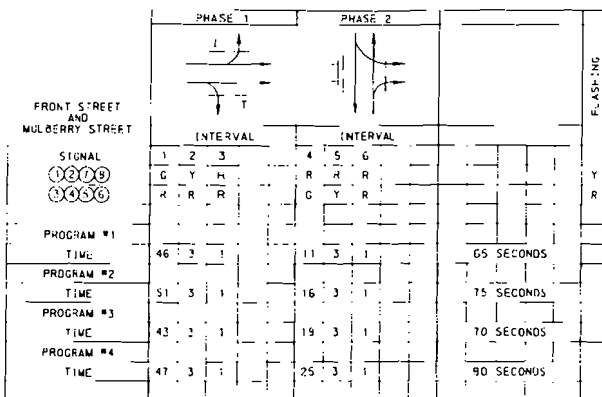
SIGNAL S

1
8
4

1218
3456

TIME BASED COORDINATOR PROGRAMMING DATA

PROGRAM NUMBER	CYCLE LENGTH	FR. / W. / RT. / W. / RT. / W. / RT.	OFFSET / FIELD POINT	WKT. SEC. / PINE SEC. / WKT. SEC. / PINE SEC. / WKT. SEC. / PINE SEC.	MIN. THO. / WKT.
1	65 SEC. 0 SECONDS	8	12	24	33
2	75 SEC. 0 SECONDS	8	21	33	33
3	10 SEC. 10 SECONDS	21	24	27	33
4	10 SEC. 5 SECONDS	21	24	27	33
5	FLASH	4	18	27	54



SIGNS

SIGN STANDARD	DESCRIPTION	SIZE	QTY.	REMARKS
RE-1L	HORIZONTAL LEFT ONE-WAY	16"x12"	2	
RE-1R	HORIZONTAL RIGHT ONE-WAY	36"x12"	2	

LEGEND

- △ - WAST ARM
- - PEDESTAL
- - VEHICULAR SIGNAL HEAD
- ⊗ - CONTROLLER ASSEMBLY
- - CONDUIT/SIZE
- W/4" - SOLID WHITE LINE/4"
- W/24" - SOLID WHITE LINE/24"
- BW/4" - BROKEN WHITE LINE/4"
- - LIGHTING LUMINAIRE WITH SUPPORT

GENERAL NOTES

INSTALL, OPERATE AND MAINTAIN THIS TRAFFIC SIGNAL IN ACCORDANCE WITH ALL PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS, SPECIFICATIONS, AND STANDARD DRAWINGS.

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COUNTY: COLUMBIA

MUNICIPALITY: BOROUGH OF BERWICK

INTERSECTION: S.R. 11 (FRONT STREET) AND
MULBERRY STREET

REVIEWED:

MUNICIPAL OFFICIAL DATE

RECOMMENDED:

DISTRICT TRAFFIC ENGINEER DATE

SCALE: 0' 25' 50' 75'

DATE ISSUED: 4-26-1984

DATE REVISED	REASON/COMMENTS
1-9-1984	NIGHT TIME FLASH REMOVED
4-21-2005	COMPUTERIZED DRAWING
9-5-2006	NEW PERMIT SHEET SIZE

PROGRAMS						
PROGRAM NUMBER	CYCLE LENGTH	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5
1	65 SEC.	0 SECONDS	9	12	24	33
2	75 SEC.	0 SECONDS	9	21	65	28
3	70 SEC.	10 SECONDS	21	24	27	33
4	80 SEC.	5 SECONDS	4	8	18	27
5	FLASH					54

FRONT AND MULBERRY STREETS - MASTER OFFSET REFERENCE LOCATION
ALL OFFSETS ARE REFERENCED TO THE START OF INTERVAL NO. 1 AT THIS SIGNAL

GENERAL NOTES

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COUNTY: COLUMBIA
MUNICIPALITY: BOROUGH OF BERWICK
INTERSECTION: S.R. 1025 (MARKET STREET) AND
THIRD STREET

REVIEWED: _____

MUNICIPAL OFFICIAL _____ DATE _____

RECOMMENDED: _____

DISTRICT TRAFFIC ENGINEER _____ DATE _____

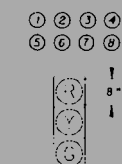
SCALE: 0' 25' 50' 75'

PHASE 1				PHASE 2						FLASHING	CYCLE LENGTH	OFFSET
INTERVAL				INTERVAL								
SIGNAL	1	2	3	4	5	6						
①②③④⑤⑥	G	Y	R	R	R	R						
③⑥①④	R	R	H	R	Y	H						
PROGRAM #1												
TIME	46	3	1								65	39
PROGRAM #2												
TIME	45	3	1								75	55
PROGRAM #3												
TIME	31	3	1								70	53
PROGRAM #4												
TIME	36	3	1								60	54

SIGNS

SIGN STANDARD	DESCRIPTION	SIZE	QTY.	REMARKS
R3-55	STRAIGHT THRU SIGN	30'X36"	1	
R3-56	RIGHT TURN SIGN	30'X36"	1	
R3-65R	OPTIONAL RIGHT TURN SIGN	30'X36"	1	
R3-5L	LEFT TURN SIGN	30'X36"	1	
R3-7	LEFT LANE MUST TURN LEFT	30'X30"	2	

SIGNALS



LEGEND

- ▲ - WEST ARM
- - STRAIN POLE/MESSENGER CABLE
- - PEDESTAL
- - VEHICULAR SIGNAL HEAD
- ▲ - SIGN
- - CONTROLLER ASSEMBLY
- C — - CONDUIT/PIPE
- W/6" - SOLID WHITE LINE/6"
- W/24" - SOLID WHITE LINE/24"
- R - LIGHTING LUMINAIRE WITH SUPPORT

D- CADD (12-81)

	PHASE 2			PHASE 3			PHASE 4			PHASE 8 *			FLASHING	
	INTERVAL			INTERVAL			INTERVAL			INTERVAL				
SIGNAL	1	2	3	4	5		6	7	8	9	10	11	12	
①	G	Y	R	R	R		R	R	R	R	R	R	R	Y
②	R	R	R	R	R		G	G	Y	R	R	R	R	R
③	R	R	R	R	R		G	G	Y	R	R	R	R	R
④	R	R	R	R	R		G	G	Y	R	R	R	R	R
⑤	R	R	R	R	R		G	G	Y	R	R	R	R	R
⑥	R	R	R	R	R		G	G	Y	R	R	R	R	R
⑦⑧⑨⑩⑪⑫	DW	DW	DW		DW	DW		DW	DW	DW		DW	DW	OFF
⑬⑭	DW	DW	DW		W	W		FLO	FLO	DW		FL	DW	OFF
PROGRAM #1	65 SECOND CYCLE													
TIME	20	3.5	1.5	7	3		19	6.5	3.5	1.0				
TIME-PEDS *	12	3.5	1.5	7	3		9	6.5	3.5	1.0	7	10	1	
PROGRAM #2	75 SECOND CYCLE													
TIME	30	3.5	1.5	7	3		19	6.5	3.5	1.0				
TIME-PEDS *	19	3.5	1.5	7	3		12	6.5	3.5	1.0	7	10	1	
PROGRAM #3	70 SECOND CYCLE													
TIME	23	3.5	1.5	7	3		21	6.5	3.5	1.0				
TIME-PEDS *	16	3.5	1.5	7	3		10	6.5	3.5	1.0	7	10	1	
PROGRAM #4	80 SECOND CYCLE													
TIME	28	3.5	1.5	14	3		19	6.5	3.5	1.0				
TIME-PEDS *	19	3.5	1.5	14	3		10	6.5	3.5	1.5	7	10	1	

* UPON PEDESTRIAN PUSHBUTTON ACTUATION.

① REMAINS "WALK" IF FOLLOWED BY PHASE 8.

		PROGRAMS						
		OFFSET/YIELD POINT						
PROGRAM NO.	CYCLE LENGTH	FRT/MUL	FRT/MKT	SEC/PINE	SEC/MKT	SEC/MUL	THD/MKT	
1	65 SEC.	0 SEC.	9	12	24	33	39	
2	75 SEC.	0 SEC.	9	21	65	28	55	
3	70 SEC.	10 SEC.	21	24	27	33	53	
4	80 SEC.	5 SEC.	4	8	18	27	54	
5	FLASH							

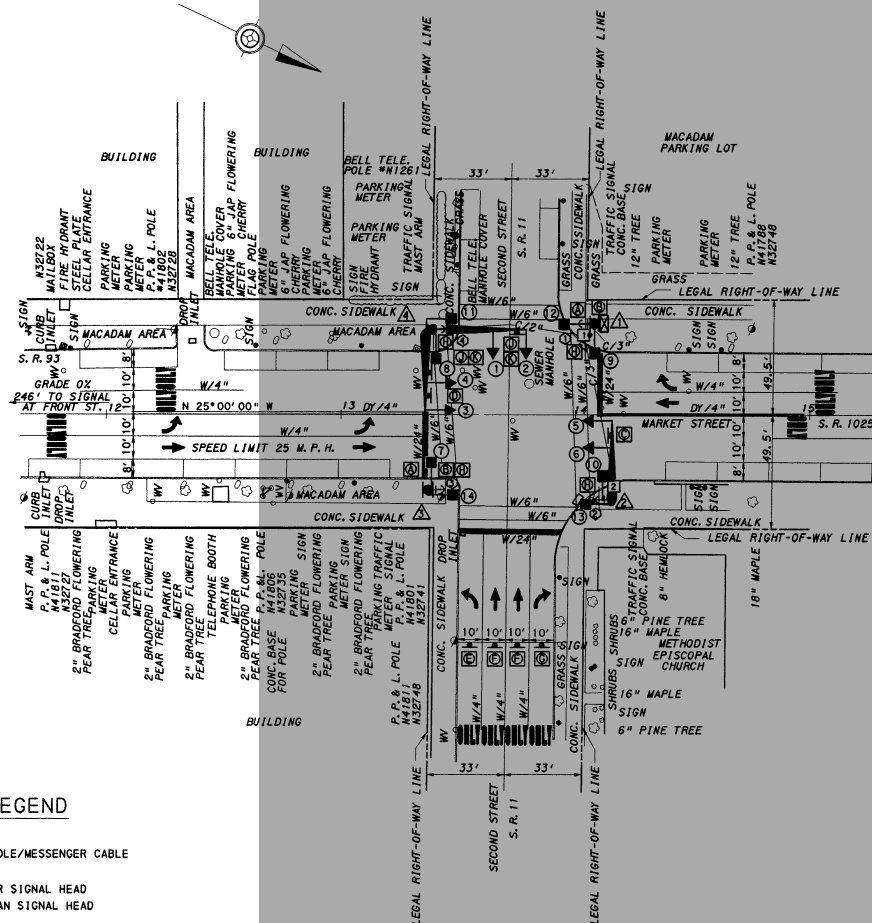
FRONT AND MULBERRY STREETS- MASTER OFFSET REFERENCE LOCATION
ALL OFFSETS ARE REFERENCED TO THE START OF INTERVAL NO. 1 AT THIS SIGNAL

LEGEND

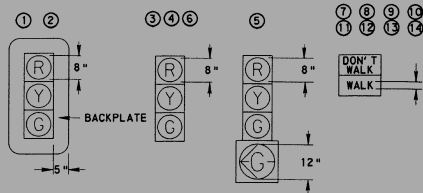
- MAST ARM
- STRAIN POLE/MESSENGER CABLE
- PEDESTAL
- VEHICULAR SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD
- SIGN
- VEHICLE DETECTOR
- PEDESTRIAN PUSH BUTTON/SIGN
- CONTROLLER ASSEMBLY
- JUNCTION BOX
- CONDUIT/SIZE
- W/4" - SOLID WHITE LINE/4"
- W/6" - SOLID WHITE LINE/6"
- W/24" - SOLID WHITE LINE/24"
- BW/4" - BROKEN WHITE LINE/4"
- Y/4" - SOLID YELLOW LINE/4"
- BY/4" - BROKEN YELLOW LINE/4"
- DY/4" - DOUBLE SOLID YELLOW LINE/4"
- LIGHTING LUMINAIRE WITH SUPPORT

SIGNS (FOR INFORMATION ONLY)

SIGN	STANDARD	DESCRIPTION	SIZE	QTY.
Ⓜ	R6-1L	HORIZONTAL LEFT ONE WAY	36"x12"	2
Ⓜ	R6-1R	HORIZONTAL RIGHT ONE WAY	36"x12"	2
Ⓜ	R6-2L	VERTICAL LEFT ONE WAY	30"x36"	1
Ⓜ	R6-2R	VERTICAL RIGHT ONE WAY	30"x36"	1
Ⓜ	R3-5L	LEFT TURN SIGN	30"x36"	1
Ⓜ	R3-5S	STRAIGHT THROUGH SIGN	30"x36"	2
Ⓜ	R3-5R	RIGHT TURN SIGN	30"x36"	1
Ⓜ	R10-4	PUSH BUTTON FOR WALK SIGNAL	9"x12"	4
Ⓜ	R10-11	NO TURN ON RED	30"x36"	2
Ⓜ	R3-20	RESTRICTED HOURS PANEL 9 AM TO 5 PM	30"x24"	2



SIGNALS


 PERMIT NO. T256-031 SHEET 2 OF 2
 DATE ISSUED 4-26-84 DATE REVISED

GENERAL NOTES

INSTALL, OPERATE AND MAINTAIN THIS TRAFFIC SIGNAL IN ACCORDANCE WITH PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS ON OFFICIAL TRAFFIC CONTROL DEVICES.

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THIS DRAWING CANNOT BE USED AS A CONSTRUCTION DRAWING UNLESS THE PERMITTEE COMPLIES WITH THE PROVISIONS OF ACT 287. PREVENTION OF DAMAGE TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION CONSULT WITH UTILITY COMPANIES TO RESOLVE ANY PROBLEMS WHICH MAY BE CREATED DUE TO THE LOCATION OF UTILITIES.

DRAWING REVISED 2-13-95

 COUNTY : COLUMBIA
 MUNICIPALITY : BERWICK BOROUGH
 INTERSECTION : MARKET ST. AND SECOND ST.

 REVIEWED : *David Buffone* 10 MAY 1990
 MUNICIPAL OFFICIAL DATE

 RECOMMENDED : *Darryl R. Williams* May 11, 1990
 DISTRICT TRAFFIC ENGINEER DATE

SCALE : 0' 25' 50' 75'

9- CAD0 (12-87)

															PHASE 1								PHASE 2				PHASE 3				FLASHING OFFSET		CYCLE LENGTH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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PROGRAM NO.	CYCLE LENGTH	OFFSETS/YIELD POINT					
		FRT/MUL	FRT/MUL	SEC/PIN	SEC/MUL	THD/MUL	THD/MUL
1	65 SEC.	0 SEC.	9	12	24	33	39
2	75 SEC.	0 SEC.	9	21	65	28	55
3	70 SEC.	10 SEC.	21	24	27	33	53
4	80 SEC.	5 SEC.	4	8	18	27	54
5	FLASH						

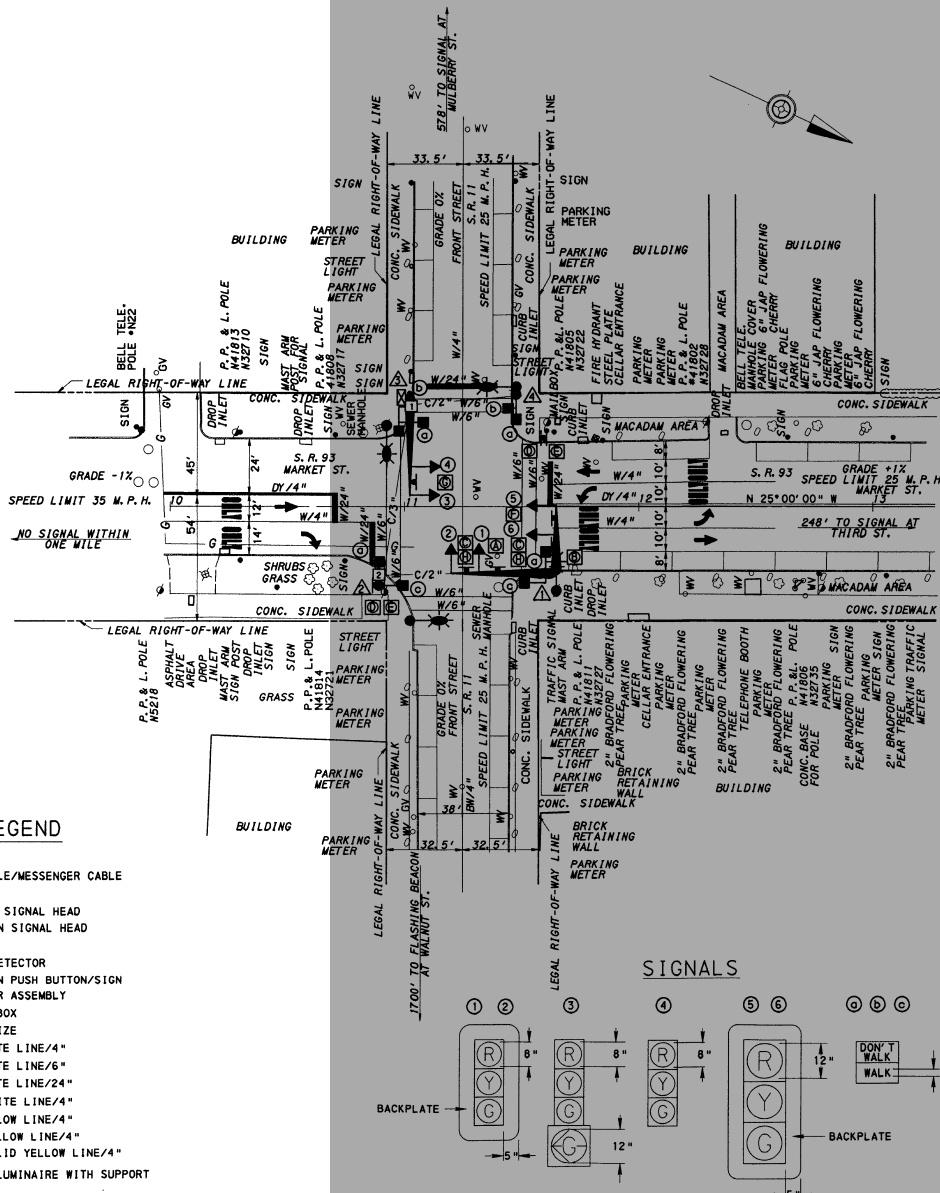
FRONT AND MULBERRY STREETS- MASTER OFFSET REFERENCE LOCATION
ALL OFFSETS ARE REFERENCED TO THE START OF INTERVAL NO. 1 AT THIS SIGNAL

LEGEND

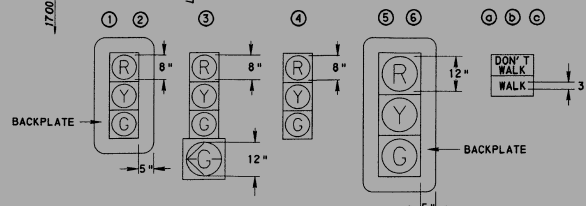
- ▲ - MAST ARM
- - STRAIN POLE/MESSENGER CABLE
- - PEDESTAL
- - VEHICULAR SIGNAL HEAD
- - PEDESTRIAN SIGNAL HEAD
- - SIGN
- - VEHICLE DETECTOR
- - PEDESTRIAN PUSH BUTTON/SIGN
- - CONTROLLER ASSEMBLY
- - JUNCTION BOX
- - CONDUIT/SIZE
- W/4" - SOLID WHITE LINE/4"
- W/6" - SOLID WHITE LINE/6"
- W/24" - SOLID WHITE LINE/24"
- BW/4" - BROKEN WHITE LINE/4"
- Y/4" - SOLID YELLOW LINE/4"
- BY/4" - BROKEN YELLOW LINE/4"
- DY/4" - DOUBLE SOLID YELLOW LINE/4"
- - LIGHTING LUMINAIRE WITH SUPPORT

SIGNS

SIGN	STANDARD	DESCRIPTION	SIZE	QTY.
Ⓡ	R3-2	NO LEFT TURN	30"x30"	1
Ⓡ	R3-2	NO LEFT TURN	24"x24"	1
Ⓡ	R10-11	NO TURN ON RED	30"x36"	2
Ⓡ	R6-1R	HORIZONTAL RIGHT ONE WAY	36"x12"	2
Ⓡ	R6-1L	HORIZONTAL LEFT ONE WAY	36"x12"	2
Ⓡ	R6-2R	VERTICAL RIGHT ONE WAY	30"x36"	1
Ⓡ	R6-2L	VERTICAL LEFT ONE WAY	30"x36"	1
Ⓡ	R3-20	RESTRICTED HOURLY PANEL 8AM TO 5PM	30"x24"	2



SIGNALS



PERMIT NO. TS54-031 SHEET 2 OF 2
DATE ISSUED 4-26-84 DATE REVISED

GENERAL NOTES

INSTALL, OPERATE AND MAINTAIN THIS TRAFFIC SIGNAL IN ACCORDANCE WITH PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS ON OFFICIAL TRAFFIC CONTROL DEVICES.

NO MODIFICATION OF THIS INSTALLATION IS PERMITTED UNLESS PRIOR APPROVAL IS GRANTED, IN WRITING, BY THE DEPARTMENT.

ALL MAINTENANCE NECESSARY FOR PROPER VISIBILITY OF THE SIGNALS, INCLUDING TRIMMING TREES, IS THE RESPONSIBILITY OF THE PERMITTEE.

THE PERMITTEE INSTALLS AND MAINTAINS ALL SIGNS AND PAVEMENT MARKINGS INDICATED ON THIS DRAWING WHICH ARE CONSIDERED PART OF THE PERMIT, UNLESS OTHERWISE INDICATED. THE DEPARTMENT MAINTAINS THE LONGITUDINAL PAVEMENT MARKINGS ON STATE HIGHWAYS.

INSTALL POST MOUNTED SIGNALS WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF THE CURB OR EDGE OF THE SHOULDER. ALSO, INSTALL SUPPORT POLES FOR OVERHEAD SIGNALS WITH A MINIMUM HORIZONTAL CLEARANCE OF 2 FEET.

INSTALL SIGNAL HEADS AND SIGNS ERECTED OVER THE ROADWAY WITH THE BOTTOMS NOT LESS THAN 15 FEET NOR MORE THAN 19 FEET ABOVE THE ROADWAY.

INSTALL POST MOUNTED SIGNAL HEADS WITH BOTTOMS NOT LESS THAN 8 FEET NOR MORE THAN 15 FEET ABOVE THE SIDEWALK OR PAVEMENT GRADE.

INSTALL SIGNAL HEADS WITH A MINIMUM HORIZONTAL DISTANCE OF 8 FEET BETWEEN THE HEADS AS MEASURED AT RIGHT ANGLES TO THE APPROACH.

IN ADDITION TO THIS SIGNAL PERMIT, THE PERMITTEE MUST OBTAIN A HIGHWAY OCCUPANCY PERMIT PRIOR TO ANY OPENINGS BEING MADE IN OR UNDER ANY PORTION OF A STATE HIGHWAY.

THIS DRAWING CANNOT BE USED AS A CONSTRUCTION DRAWING UNLESS THE PERMITTEE COMPLIES WITH THE PROVISIONS OF ACT 287, PREVENTION OF DAMAGE TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION CONSULT WITH UTILITY COMPANIES TO RESOLVE ANY PROBLEMS WHICH MAY BE CREATED DUE TO THE LOCATION OF UTILITIES.

COUNTY : COLUMBIA
MUNICIPALITY : BERWICK BOROUGH
INTERSECTION : FRONT ST. AND MARKET ST.

REVIEWED : *David A. Aronson* 9-4-90
MUNICIPAL OFFICIAL DATE

RECOMMENDED : *Ray R. Wallis* 9-4-90
DISTRICT TRAFFIC ENGINEER DATE

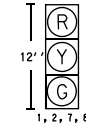
SCALE : 0' 25' 50' 75'

- - △ - STRAIN POLE/MESSENGER CABLE
- - △ - PEDESTAL
- ○ - VEHICULAR SIGNAL HEAD
- - □ - SIGN
- - ○ - VEHICLE DETECTOR
- ○ - PEDESTRIAN PUSH BUTTON/SIGN
- ○ - CONTROLLER ASSEMBLY
- C / - - CONDUIT/SIZE
- W/6" - SOLID WHITE LINE/6"
- W/24" - SOLID WHITE LINE/24"

1. Installation, operation and maintenance of these signals shall be in accordance with Pennsylvania Department of Transportation Regulations governing the design, location and operation of signs, signals and markings.
2. No modifications of this installation are permitted unless prior approval is granted, in writing by the Secretary of Transportation.
3. All maintenance work, including trimmin trees, necessary for proper visibility of the signals is the responsibility of the permittee.
4. All signs and pavement markings indicated on this drawing are considered part of the permit, and shall be installed and maintained accordingly.
5. Post mounted signals shall be installed with the signal heads a minimum of 2 feet behind the face of the shoulder. Support poles for overhead signal shall also have a minimum horizontal clearance of 2 feet.
6. Signals erected over the roadway shall have a minimum clearance of 16 feet above the roadway. Post mounted signals shall be a minimum of 8 feet above the sidewalk or pavement grade.
7. The minimum horizontal distance between signals, measured at right angles to the approach, shall be 8 feet.
8. Exact location of detectors shall be determined prior to installation by a representative of the Department.
9. Prior to installation, the contractor shall consult with the local officials and utility companies to resolve any problem which may be created due to the location of utility lines.
10. In addition to this signal permit, the permittee shall obtain a Highway Occupancy Permit prior to any openings being made in or under any portion of a State Highway.

COLOR SEQUENCE & MOVEMENT CHART

SIGNAL LENS ASSEMBLY



SIGNAL	INTERVAL	"A"			"B" (ACT.)			FLASHING
		1	2	3	4	5	6	
1-2-3-4		G	Y	R	R	R	R	Y
5-6-7-8		R	R	R	G	Y	R	R
FIXED		30	4	2.5		3	3	
INITIAL VEHICLE					6			
VEHICLE INTERVAL					3			
MAXIMUM					20			
PEDESTRIAN TIMER					15			

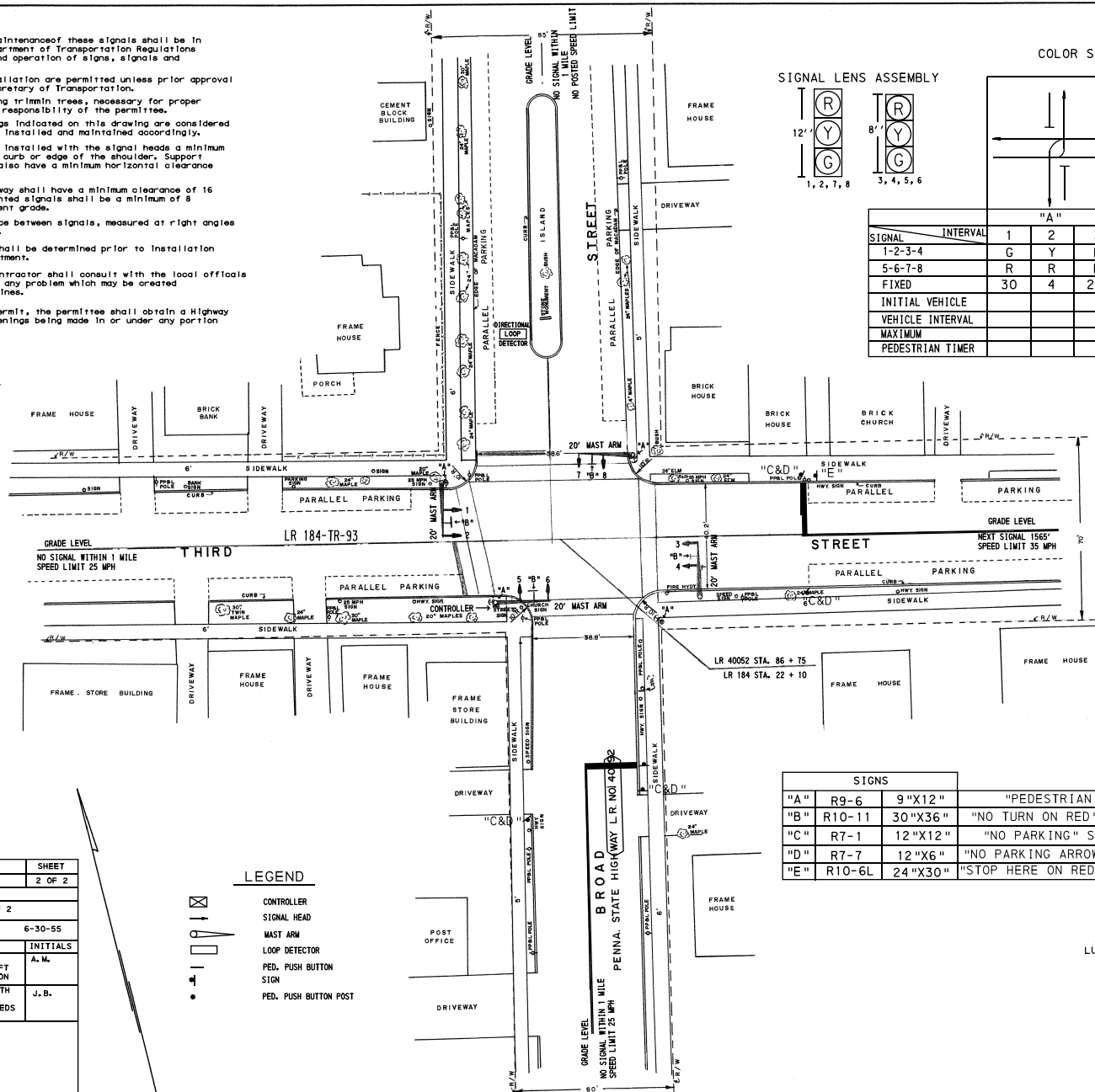
Contractor shall inform Dist. Trsf. Eng. P. of construction of date of start of construction prior to construction.

Municipality shall supply Dist. Trsf. Eng. with copy of specifications for installation prior to letting the bid.

DISTRICT	COUNTY	INTERSECTION	SHEET
4-0	LUZERNE	SR 93 (THIRD ST)	2 OF 2
BOROUGH OF NESCOPECK			
PERMIT NO. 4166		SHEET 2 OF 2	
DATE REVISED		DATE ISSUED	6-30-55
REMARKS		INITIALS	
8-5-96		RELOCATE MAST ARM WITH SIGNAL HEADS 3 & 4 15 FT BACK ADD PED PUSH BUTTON	
8-3-06		MOVED EAST SIDE AND SOUTH SIDE STOP BARS BACK. READJUSTED TIMING FOR REDS AND YELLOWS	

LEGEND

- CONTROLLER
- SIGNAL HEAD
- MAST ARM
- LOOP DETECTOR
- PED. PUSH BUTTON
- SIGN
- PED. PUSH BUTTON POST



SIGNS			
"A"	R9-6	9"X12"	"PEDESTRIAN PUSH BUTTON" SIGN
"B"	R10-11	30"X36"	"NO TURN ON RED" SIGN (ADD 2 NEW SIGNS)
"C"	R7-1	12"X12"	"NO PARKING" SIGN (ADD 2 NEW SIGNS)
"D"	R7-7	12"X6"	"NO PARKING ARROW" SIGN (ADD 2 NEW SIGNS)
"E"	R10-6L	24"X30"	"STOP HERE ON RED" SIGN (ADD 2 NEW SIGNS)

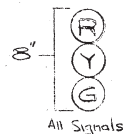
BOROUGH OF NESCOPECK
LUZERNE COUNTY, PENNSYLVANIA
SCALE 1/4" = 20 FT., MAY 20, 1969
T. BRYCE JAMES, BORO. ENG.



FILE NO. 1-656

245

SIGNAL LENS ASSEMBLY



Phase	A			B (Act)			Flashing
	1	2	3	4	5	6	
Signal	1-2-3-4	Y	R	R	Y	R	RY
Fixed	30	3	2	3	3	2	
Initial							
Vehicle				6			
Interval				3			
Maximum				20			
Selection Timer				15			

SIGNS
"A" R9-6 (9"x12")

1. Installation, operation and maintenance of these signals shall be in accordance with Pennsylvania Department of Transportation Regulations governing the design, location and operation of signs, signals and markings.
2. No modifications of this installation are permitted unless prior approval is granted, in writing, by the Secretary of Transportation.
3. All maintenance work, including trimming trees, necessary for proper visibility of the signals is the responsibility of the permittee.
4. All signs and pavement markings indicated on this drawing are considered part of the permit, and shall be installed and maintained accordingly.
5. Post mounted signals shall be installed with the signal heads a minimum of 2 feet behind the face of the curb or edge of the shoulder. Support poles for overhead signals shall also have a minimum horizontal clearance of 7 feet.
6. Signals erected over the roadway shall have a minimum clearance of 16 feet above the roadway. Post mounted signals shall be a minimum of 8 feet above the sidewalk or pavement grade.
7. The minimum horizontal distance between signals, measured at right angles to the approach, shall be 8 feet.
8. Exact location of detectors shall be determined prior to installation by a representative of the Department.
9. Prior to installation, the contractor shall consult with the local utility and utility companies to resolve any problems which may be created due to the location of utility lines.
10. In addition to this signal permit, the permittee shall obtain a Highway Occupancy Permit prior to any openings being made in or under any portion of a State Highway.

Contractor shall inform Dist. Traffic Engineer
Permit Office of date of start of construction
prior to starting construction.

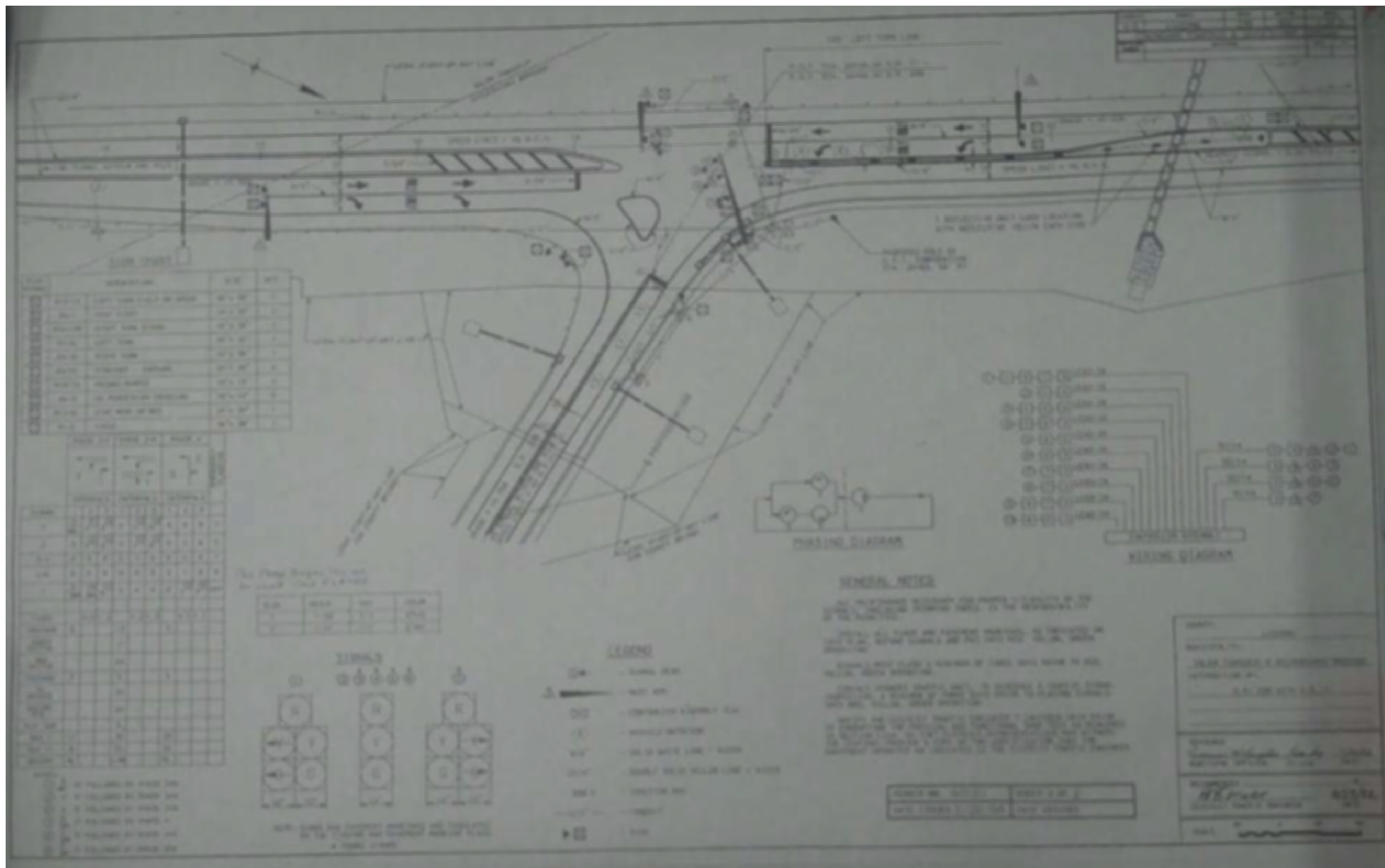
Municipality shall supply District Traffic Engineer with a copy of Specifications for installation prior to starting construction.

LEGEND

- ☒ CONTROLLER
- ➔ SIGNAL HEAD
- ➔ MAST ARM
- LOOP DETECTOR
- ➔ PED. PUSH BUTTON
- ➔ SIGN

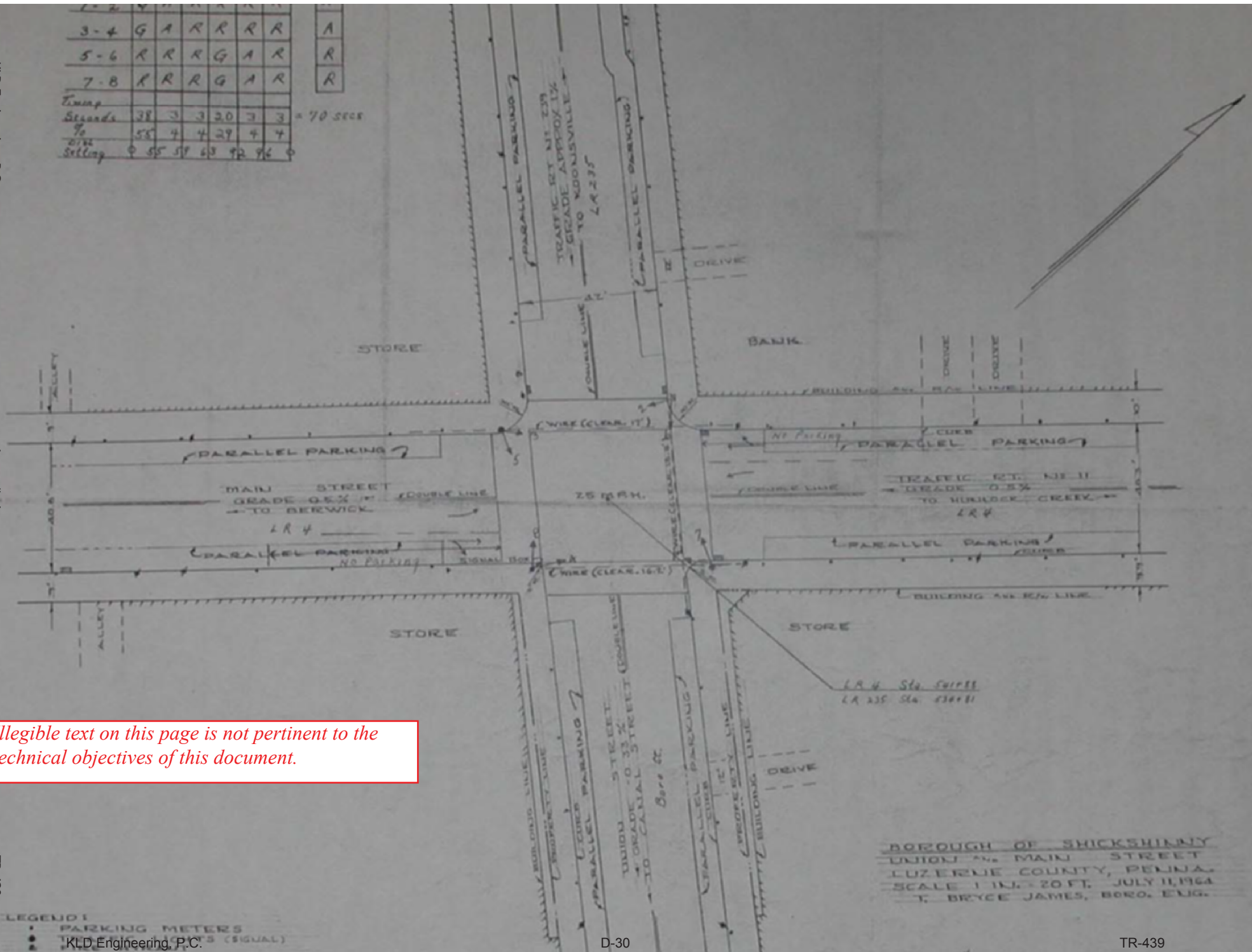
BOROUGH OF NESCOPECK
LUZERNE COUNTY, PENNSYLVANIA
SCALE: 1" = 20 FT., MAY 20, 1969
T. BRYCE JAMES, BORO. ENG.

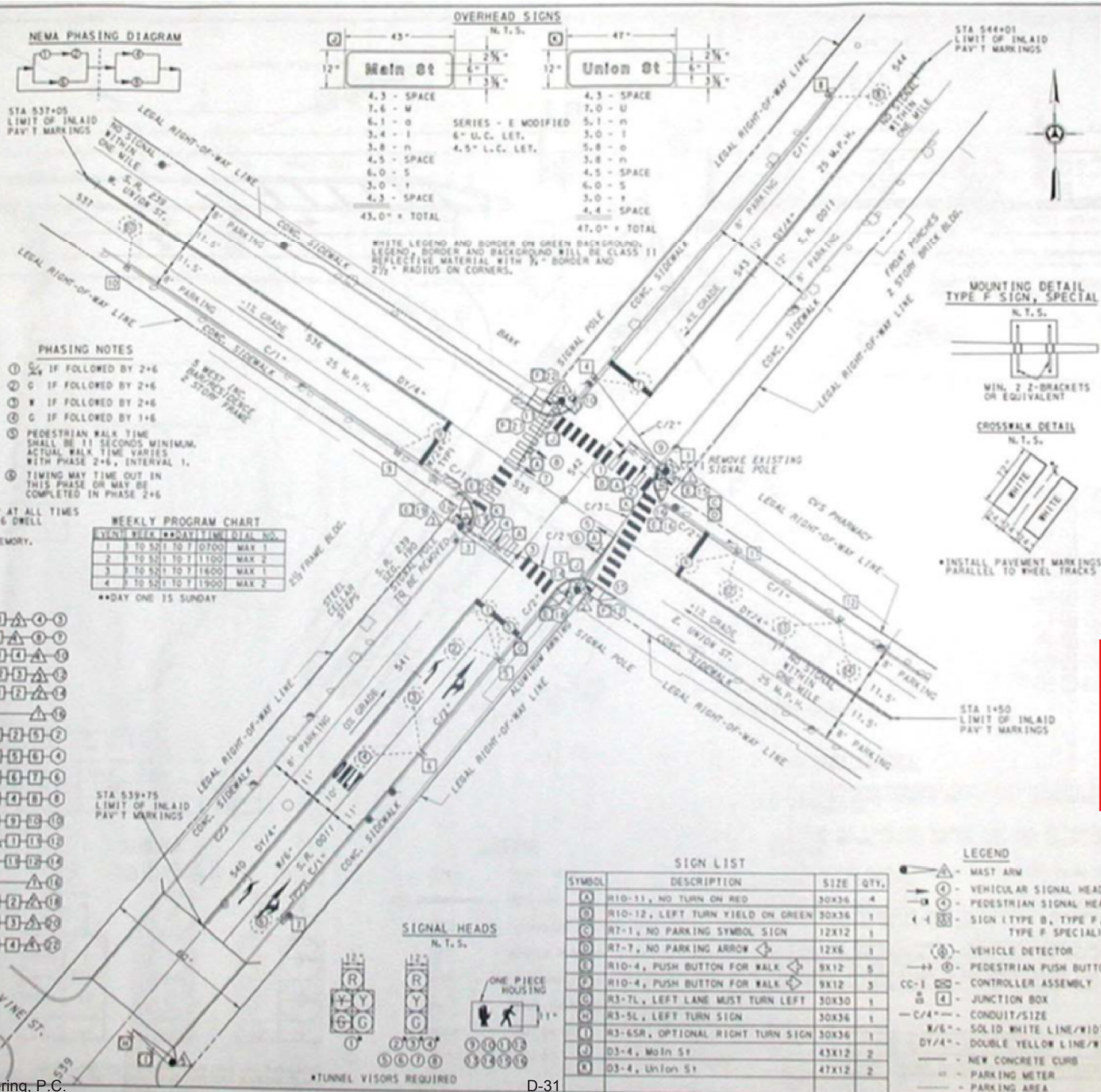
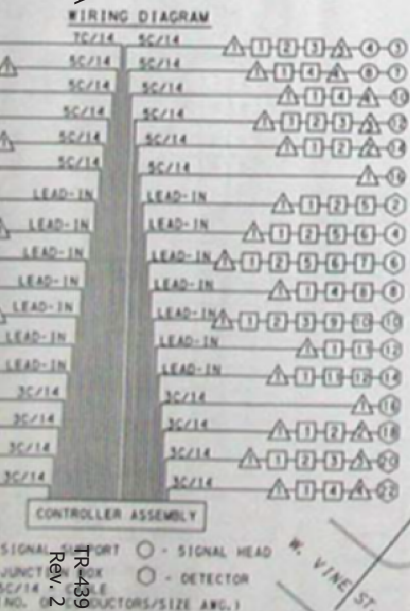




Illegible text on this page is not pertinent to the technical objectives of this document.

3-4	G	A	R	R	R	R	A
5-6	R	R	R	G	A	R	R
7-8	R	R	R	G	A	R	R
Timing							
Seconds	38	3	3	30	3	3	= 70 SECS
%	55	4	4	29	4	4	
Setting	0	55	59	63	92	96	0





DISTRICT	COUNTY	ROUTE	SECTION
4-0	LUTHERNE	0011	
BOROUGH OF SCHICKS HILL			
PERMIT NO.	5591	SHEET	2
DATE ISSUED: 11/21/99			
REVISED		REMARKS	
12/19/97		DUE TO CONSTRUCTION	

GENERAL	NOT
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INSTALL OPERATE AND MAINTAIN THIS SIGNAL IN ACCORDANCE WITH PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS FOR OFFICIAL TRAFFIC SIGNALS OR ITS SPECIFICATIONS (PUNTS) OR TRAFFIC SIGNAL STANDARDS (TC-7700 & TC-7700 SERIES) TRAFFIC SIGNAL DESIGN HANDBOOK (TC-7700).

ALL MAINTENANCE NECESSARY FOR PROTECTION OF THESE SIGNALS, INCLUDING TRIMMING THE RESPONSIBILITY OF THE PERMITTEE.

THE PERMITTEE IS RESPONSIBLE FOR ANY RELOCATION OF OVERHEAD UTILITIES TO INTERFERE WITH CLEAR VISION OF SIGNALS.

THE PERMITTEE INSTALLS ALL SIGNS, MARKINGS INDICATED ON THIS GRANTING THIS GRANTING CAN BE USED AS A GUIDE. THE CONTRACTOR SHALL COMPLY WITH PROVISIONS OF ACT 38, PREVENTION OF UNDERGROUND UTILITIES, PRIOR TO CONSULT WITH UTILITY COMPANIES TO AVOID CONFLICTS.

CARD RACK ASSEMBLY TO BE NEMA TYPE 1.

INSTALL SIGNAL HEADS AND SIGNS IN ACCORDANCE WITH THE FOLLOWING: ROADWAY WITH BOTTOMS NOT LESS THAN 10 FEET MORE THAN 10 FEET ABOVE THE ROAD SURFACE.

EACH LOOP MUST BE ASSIGNED TO A SIGNAL INPUT IN THE CONTROLLER TIMER WITH THE CAPABILITY OF EXTENSIONS, AN INDIVIDUAL LOOP.

INSTALL SIGNAL SUPPORTS AND POSTS WITH A MINIMUM OF 2 FEET BEHIND

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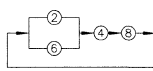
COUNTY	LUZERNE
MUNICIPALITY	BOROUGH OF SHICKLESPRING
INTERSECTION	U.S.R. 0011 (MAIN ST.) U.S.R. 0279 (LUNN RD.)
REVIEWED	SIGNED ORIGINAL
MUNICIPAL OFFICIAL	
RECOMMENDED	SIGNED ORIGINAL
DISTRICT TRAFFIC ENGINEER	

PHASING, TIMING AND SEQUENCE CHART

PHASE	INTERVAL	1	2	3	4	5	6	7	8	9	10	11	12	EMERGENCY FLASHING OPERATION
1,2	G	G	Y	R	R	R	R	R	R	R	R	R	R	Y
3,4	G	G	Y	R	R	R	R	R	R	R	R	R	R	Y
5	R	R	R	R	G	G	Y	R	R	R	R	R	R	R
6	R	R	R	R	G	G	Y	R	R	R	R	R	R	R
7	R	R	R	R	R	R	R	R	G	G	Y	R	R	R
8	R	R	R	R	R	R	R	R	G	G	Y	R	R	R
9,10,11,12	M	FH	H	H	H	H	H	H	H	H	H	H	H	OFF
13,14	H	H	H	H	M	FH	H	H	M	FH	H	H	H	OFF
FIXED				3.6	2.4				3.7	2.3			2.8	2.4
MINIMUM		4				4					4			
PASSAGE		2				2					2			
MAX 1		53				13					7			
MAX 2		27				9					7			
MAX 3		53				13					7			
MAX 4		28				8					7			
PEDESTRIAN*		7	19			7	15				7	15		
MEMORY														

*UPON ACTUATION ONLY, OTHERWISE H AT ALL TIMES

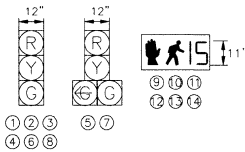
NEMA DIAGRAM



DETECTOR NOTES

1. PROGRAM LOOP 2 FOR A 3 SECOND EXTENSION.
2. PROGRAM LOOP 6 FOR A 3 SECOND EXTENSION.
3. PROGRAM PHASE 8 FOR A 5 SECOND DELAY.

SIGNAL INDICATIONS



ALL SIGNALS ARE L.E.D.

WEEKLY PROGRAM CHART

EVENT	DAY OF WEEK	TIME	COMMENTS
MAX 1	XXXXXX	06 00 00	AM PEAK
MAX 2	XXXXXX	10 00 00	OFF PEAK
MAX 3	XXXXXX	14 00 00	PM PEAK
MAX 4	XXXXXX	19 00 00	OFF PEAK
MAX 4	XXXXXX	07 00 00	WEEKEND

GENERAL NOTES (CONTINUED)

THIS DRAWING CANNOT BE USED AS A CONSTRUCTION DRAWING, UNLESS THE CONTRACTOR COMPLIES WITH THE PROVISIONS OF ACT 121, AS AMENDED, PREVENTION OF DAMAGE TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION CONSULT WITH UTILITY COMPANIES TO RESOLVE ANY CONFLICTS.

THE PERMITEE IS RESPONSIBLE FOR COORDINATING ANY RELOCATION OF OVERHEAD UTILITIES THAT MAY INTERFERE WITH CLEAR VISION OF THE SIGNAL HEADS.

INSTALL SIGNAL HEADS AND SIGNS WITH BOTTOMS NOT LESS THAN 16 FEET NOR MORE THAN 17 FEET ABOVE THE ROADWAY.

INSTALL SIGNAL SUPPORTS AND POST MOUNTED SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF CURB.

INSTALL ALL SIGNS AND PAVEMENT MARKINGS, AS INDICATED ON THIS PLAN, BEFORE SIGNALS ARE PUT INTO RED, YELLOW, GREEN OPERATION.

CONTACT PENNDOT TRAFFIC UNIT, TO SCHEDULE A TRAFFIC SIGNAL INSPECTION, A MINIMUM OF THREE DAYS PRIOR TO RED, YELLOW, GREEN OPERATION.

NOTIFY THE DISTRICT TRAFFIC ENGINEER SEVEN CALENDAR DAYS PRIOR TO CONDUCTING THE PHYSICAL AND FUNCTIONAL SHOP TEST AS REQUIRED IN SECTION 1104 OF PUB 408, SO THAT THE DISTRICT REPRESENTATIVES MAY WITNESS THE TESTING.

SIGNALS MUST FLASH A MINIMUM OF THREE DAYS PRIOR TO RED, YELLOW, GREEN OPERATION.

GENERAL NOTES

INSTALL, OPERATE AND MAINTAIN THIS TRAFFIC SIGNAL IN ACCORDANCE WITH PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS ON OFFICIAL TRAFFIC CONTROL DEVICES, SPECIFICATIONS (PUB 408), TRAFFIC CONTROL STANDARDS AND TRAFFIC SIGNAL DESIGN HANDBOOK (PUB 149).

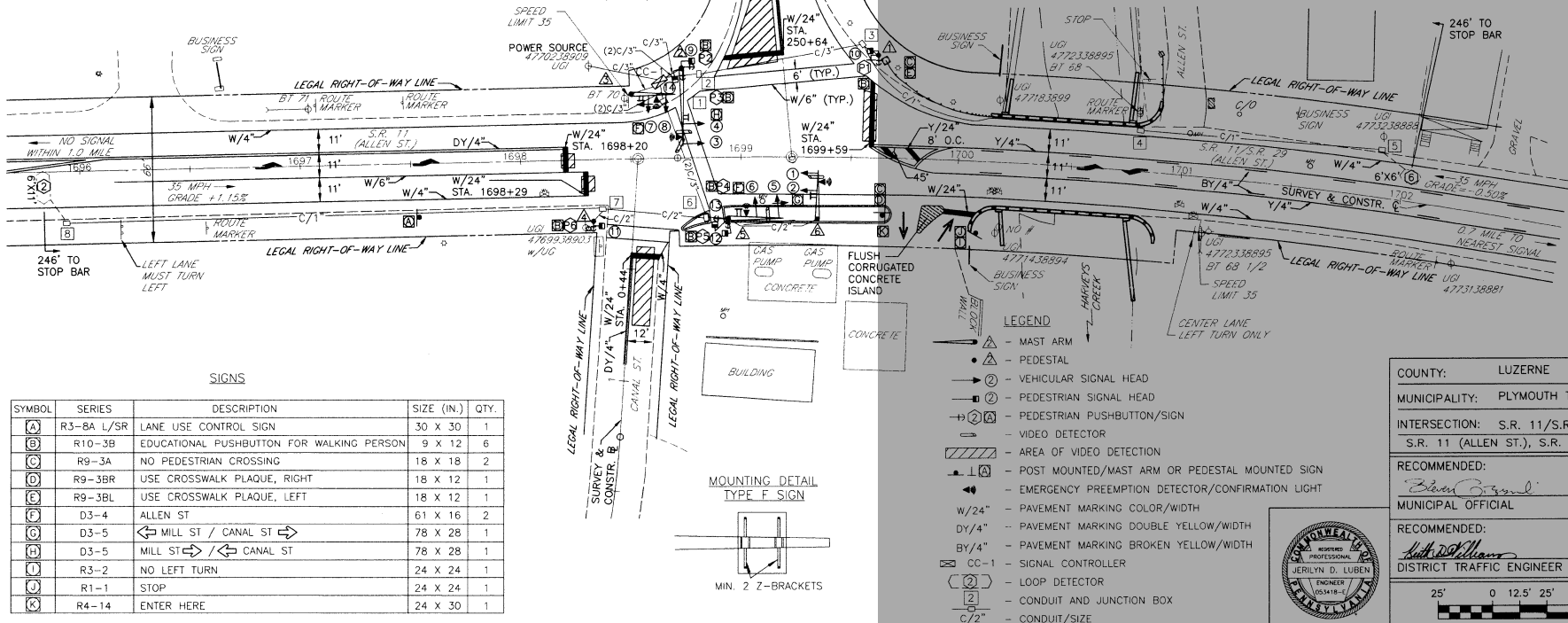
NO MODIFICATION OF THIS INSTALLATION IS PERMITTED UNLESS PRIOR APPROVAL IS GRANTED IN WRITING BY THE DISTRICT TRAFFIC ENGINEER.

ALL MAINTENANCE NECESSARY FOR THE PROPER VISIBILITY OF THESE SIGNALS, INCLUDING TRIMMING OF TREES, IS THE RESPONSIBILITY OF THE PERMITEE.

THE PERMITEE INSTALLS AND MAINTAINS ALL SIGNS IN THE SIGN BLOCK AND ALL PAVEMENT MARKINGS INDICATED ON THIS DRAWING, WHICH ARE CONSIDERED PART OF THE PERMIT, UNLESS OTHERWISE INDICATED. THE DEPARTMENT MAINTAINS ALL LONGITUDINAL PAVEMENT MARKING ON STATE HIGHWAYS.

EACH LOOP MUST BE ASSIGNED TO A SEPARATE DETECTOR INPUT IN THE CONTROLLER TIMER WHICH WILL PROVIDE THE CAPABILITY OF EXTENSIONS AND DELAYS TO ALL INDIVIDUAL LOOPS.

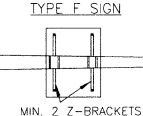
CARD RACK TO BE NEMA TYPE 7-T.



SIGNS

SYMBOL	SERIES	DESCRIPTION	SIZE (IN.)	QTY.
(A)	R3-BA L/SR	LANE USE CONTROL SIGN	30 X 30	1
(B)	R10-3B	EDUCATIONAL PUSHBUTTON FOR WALKING PERSON	9 X 12	6
(C)	R9-3A	NO PEDESTRIAN CROSSING	18 X 18	2
(D)	R9-3BR	USE CROSSWALK PLAQUE, RIGHT	18 X 12	1
(E)	R9-3BL	USE CROSSWALK PLAQUE, LEFT	18 X 12	1
(F)	D3-4	ALLEN ST	61 X 16	2
(G)	D3-5	MILL ST / CANAL ST	78 X 28	1
(H)	D3-5	MILL ST / CANAL ST	78 X 28	1
(I)	R3-2	NO LEFT TURN	24 X 24	1
(J)	R1-1	STOP	24 X 24	1
(K)	R4-14	ENTER HERE	24 X 30	1

MOUNTING DETAIL



MIN. 2 Z-BRACKETS

COUNTY:	LUZERNE
MUNICIPALITY:	PLYMOUTH TOWNSHIP
INTERSECTION:	S.R. 11/S.R. 29 (ALLEN ST.), S.R. 11 (ALLEN ST.), S.R. 29 (MILL ST.) AND CANAL ST.
RECOMMENDED:	<i>Blair Signal</i> 2/1/0
MUNICIPAL OFFICIAL	DATE
RECOMMENDED:	<i>Keith Williams</i> 02-04-2010
DISTRICT TRAFFIC ENGINEER	DATE

Appendix E
Existing Conditions – Capacity Analysis